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Bureau of Entomology and Plant Quarantine  
San Diego, California

# UNITED STATES DEPARTMENT OF AGRICULTURE

## AGRICULTURAL RESEARCH ADMINISTRATION

### BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE

#### SERVICE AND REGULATORY ANNOUNCEMENTS

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## LIST OF INTERCEPTED PLANT PESTS, 1949<sup>1</sup>

(List of Pests Recorded During the Period July 1, 1948, to June 30, 1949, Inclusive, as Intercepted in, on, or with Plants and Plant Products Entering United States Territory.)

### INTRODUCTION

This report, covering the thirty-sixth year for which interception lists have been issued, summarizes the records of insect pests, plant pathogens, and certain other organisms found in, on, or with plants and plant products (1) imported, (2) offered for but refused entry, (3) held as ships' stores, etc., and hence not offered for entry through customs, (4) offered for entry for immediate export or for immediate transportation and exportation in bond, and (5) in domestic shipments between Hawaii and Puerto Rico and the mainland.

In some cases collections made late in the year are included in the report for the following year, since determination cannot be obtained immediately for all of them. Occasionally determinations are delayed for longer periods. The data for this list are obtained from routine reports by personnel of this Bureau, supplemented by information supplied by State and Customs officials. The States of California and Florida maintain staffs of specialists who identify a large proportion of the material collected at their ports. Specialists of the Bureau of Plant Industry, Soils, and Agricultural Engineering determine many of the difficult or unusual pathogens collected at the ports.

All scientific names are reviewed by appropriate specialists in the Department to assure conformance to the international rules of nomenclature.

While every reasonable effort is made to give the correct origin for all collections listed, the alleged origin of host plant materials cannot be verified in all cases, and where there is reason to doubt the accuracy of the information, the questionable items are either omitted or the origin is listed as unknown.

The year covered by this list has seen a lessening of importations of certain types of plant materials, but an increase in others. Air transportation of many perishable plant shipments served to bring plants and their pests to us with a promptness that assured the survival of both. Continual vigilance is necessary to combat such threats to the nation's plant life, and those responsible for the movement of aircraft have continued to assist in carrying out plant quarantine regulations intended to reduce to a minimum the movement of potentially dangerous plant materials.

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<sup>1</sup>Compiled by W. H. Wheeler, pathologist, Judith Hunt, plant quarantine aid, and P. X. Peltier, entomologist, Division of Foreign Plant Quarantines.



## INTERCEPTIONS FROM AIR-BORNE MATERIAL

Air-borne plant material arrives in mail, baggage, express, stores, and freight, and interceptions of plant pests on such importations have been frequent. During the year 4,312 interceptions were made of insects arriving by air with agricultural material or as stowaways. There were 342 interceptions of plant diseases. Approximately one-third of the plant-disease organisms were not determinable to species but, from the evidence, appeared to represent little or no risk to this country. A few of the disease organisms specifically identified but not known to be in the United States are, however, reported to be parasites of their hosts in foreign countries. Some of the most important insects intercepted during the year were from host fruits and plants arriving by plane—a pattern to be expected in the coming years.

Among the more important insects found in air-borne material were: The whitefly *Aleurothrixus myrtacei* (?) on myrtle in cargo from Brazil; *Anastrepha fraterculus* in mango in baggage from the Dominican Republic, Mexico, and Salvador, and *A. fraterculus* (?) in cherimoya in baggage from Chile and in orange in baggage from Peru; the Mexican fruit fly (*A. ludens*) in *Annona* sp. in baggage from Guatemala, in grapefruit in baggage from Mexico, in mamey in baggage from Guatemala, in mango in baggage from Guatemala and Mexico, in orange in baggage from Costa Rica and Mexico and express from Guatemala, and in pomegranate in baggage from Mexico; the West Indian fruit fly (*A. mombinpraeoptans*) in mango in baggage from Bermuda, the Dominican Republic, Jamaica, Panama, Puerto Rico, and Salvador, in mango in mail from Puerto Rico, and in mango in quarters from Mexico, in guava in baggage from Puerto Rico and Salvador and in guava in mail from Puerto Rico, in yellow mombin in baggage from Puerto Rico, Salvador, and Trinidad, in yellow mombin in quarters from Mexico, in *Spondias* sp. in baggage from Salvador, and in yellow mombin in mail from Puerto Rico; *A. serpentina* in orange in stores from Trinidad, in sapodilla in baggage from Guatemala and Venezuela, in sapote in baggage from Guatemala and Panama, and *A. serpentina* (?) in sapodilla in baggage from the Netherlands West Indies; *A. suspensa* in guava in baggage from Puerto Rico; *Caryedon fuscus* in *Cassia javanica* in baggage from Hawaii; the Mediterranean fruit fly (*Ceratitis capitata*) in apricot in baggage from the Cape Verde Islands, in apricot in stores from France, in fig in baggage from the Azores and Italy, in guava in baggage from Palestine, in mango in baggage from Brazil, in medlar in baggage from Italy, in orange in baggage from the Azores, Italy, Portugal, and Spain, in orange in stores from the Azores, Portugal, and Spain, in peach in baggage from France, Italy, Lebanon, Portugal, and Spain, and in peach in stores from France, Portugal (?), and Spain, in pear in baggage from Spain and in pear in stores from Portugal, in persimmon in baggage from Italy, in tangerine in baggage from Portugal and in tangerine in stores from Portugal and Spain, and *C. capitata* (?) in apricot in baggage from Syria, in guava in baggage from the Madeira Islands, and in orange in baggage from the Union of South Africa; *Coccotrypes dactyliperda* in date pits used as food for monkeys in stores from India; *Cylas formicarius* var. in sweetpotato in cargo from Siam and in sweetpotato in stores from India; adults of the oriental fruit fly (*Dacus dorsalis*) were intercepted 31 times in preflight inspection of airplanes leaving Hawaii for the mainland; preflight interceptions of immature stages of *D. dorsalis* included one in coffee berry, one in ginger flowers made into a lei, and one in papaya in baggage from Hawaii; *D. ochrosiae* (?) in seed of *Ochrosia* sp. in baggage from Guam; the olive fruit fly (*D. oleae*) in olive in baggage from Italy and Lebanon; *Epicaerus cognatus* in wild potato in mail from Mexico; the citrus whitefly (*Dialeurodes citri*) on leaf of gardenia in freight from China; the oriental fruit moth (*Grapholitha molesta*) in peach in stores from France; *Kalotermes bequaerti* in *Juniperus* sp. and pine crates in cargo from Bermuda; the East Indian bean pod borer (*Maruca testulalis*) in flower lei made of *Canavalia* sp. in baggage from Hawaii, in lima bean in baggage from Puerto Rico, in pigeonpea and string bean in baggage and mail from Puerto Rico; the pink bollworm (*Pectinophora gossypiella*) in cottonseed in baggage from India and the Virgin Islands, and in cottonseed in cargo from Brazil and Pakistan, in cotton samples (grabbots) in cargo from Brazil, in okra in baggage from Puerto Rico and in okra in mail from the American Virgin Islands; *Polychrosis botrana* in grape in baggage from Italy and in grape in stores from France; *Rhagoletis alternata* in rose hips in baggage from Sweden; *R. cerasi* in cherry in baggage from Germany and Italy, in cherry in stores from Italy and in cherry in quarters from France, and *R. cerasi* (?) in cherry in stores from France and in cherry in quarters from Portugal; *Sesamia cretica* in broomcorn in cargo from France.

The more important plant disease organisms found on air-borne material, not believed to be established in the United States, were *Alternaria gypsophilae* on gypsophila in baggage from Brazil, *Elsinoe australis* on sweet orange in stores from Brazil, *E. phaseoli* on lima bean in cargo from Puerto Rico, *E. piri* on apple in baggage from Poland, *Heterodera goettingiana* with soil about roots of strawberry plants in mail



from Denmark, *H. punctata* with soil about orchid roots in express from England, *H. rostochiensis* with soil about roots of miscellaneous plants in baggage from Germany, *Monilinia fructigena* on apple in stores from the Netherlands, *Phoma citricarpa* on sweet orange in stores from Australia and Canton Island, on mandarin orange in baggage and quarters from China, and on unidentified citrus fruit in baggage from China; *Phyllosticta saccardoi* on rhododendron in air express from England, *Septoria posekensis* on orchids in cargo from Brazil and Mexico, *Uredo anthurii* on anthurium in express from Guatemala, *U. autumnalis* on chrysanthemum in express from Japan, and *Xanthomonas citri* on sweet orange in baggage from China, and on grapefruit lemon, and sour lime in stores from India.

## NOTES ON INSECTS INTERCEPTED

### FRUIT FLIES

*Anastrepha fraterculus* was intercepted in grapefruit and orange from Brazil and in mango from the Dominican Republic, Mexico, Salvador, and Trinidad, and *A. fraterculus* (?) in cherimoya from Chile, in orange from Brazil and Peru, and in grape from Argentina. The Mexican fruit fly (*A. ludens*) was taken in *Annona* sp., orange, mamey, and mango from Guatemala, in apple, avocado, grapefruit, mango, orange, peach, pear, pomegranate, quince, sapote, sour orange, sweet lime, and tangerine from Mexico, in orange from Costa Rica, and in mango from Honduras. The West Indian fruit fly (*A. mombinpraeoptans*) was intercepted in mango from Bermuda, Costa Rica, the Dominican Republic, Guatemala, Haiti, Honduras, Jamaica, Mexico, Panama, Puerto Rico, and Salvador, in guava from Cuba, Puerto Rico, and Salvador, in yellow mombin from Guatemala, Mexico, Puerto Rico, Salvador, and Trinidad, in *Spondias* sp. from Guatemala, Puerto Rico, and Salvador, and *A. mombinpraeoptans* (?) in mango from Panama and Trinidad. *A. serpentina* was found in sapodilla from Guatemala and Venezuela, in sapote from Guatemala, in mamey and star-apple from Mexico, in grapefruit and orange from Trinidad, and in sapote from Panama, and *A. serpentina* (?) in sapodilla from the Netherlands West Indies. *A. suspensa* was intercepted in guava from Cuba and Puerto Rico and in orange from Puerto Rico. The Mediterranean fruit fly (*Ceratitis capitata*) was taken in apple from the Azores, Italy, and Spain, in apricot from the Cape Verde Islands and France, in coffee from Brazil and Hawaii, in fig and loquat from the Azores and Italy, in grape from Argentina, the Madeira Islands, and Portugal, in grapefruit from Cyprus, Egypt, Hawaii, Italy, Morocco, the Union of South Africa, and Uruguay, in guava from Palestine, in mango from Brazil, in medlar, persimmon, pomegranate, pricklypear, and quince from Italy, in orange from Algeria, Azores, Brazil, Cyprus, Egypt, Italy, Portugal, Spain, and the Union of South Africa, in papaya and tomato from Hawaii, in peach from Algeria, France, Italy, Lebanon, Morocco, Portugal, and Spain, in pear from Italy, Portugal, and Spain, in plum from Greece, in purple granadilla from the Azores, in tangerine from Italy, Portugal, and Spain, and with contraband containing oranges and *Citrus* sp. from Lebanon, and *C. capitata* (?) in apricot from Syria, in grape from Argentina, in grapefruit from Cyprus (?) and Morocco, in guava from the Madeira Islands, in lemon from Italy, in orange from Brazil and the Union of South Africa, in peach from Italy and Morocco, in pear from France, and in plum from Portugal. The melon fly (*Dacus cucurbitae*) was taken in cucumber from Hawaii and the Straits Settlements and in squash and tomato from Hawaii, and *D. cucurbitae* (?) in cucumber, squash, string bean, and tomato from Hawaii. The oriental fruit fly (*D. dorsalis*) was found in an airplane, avocado, banana, small green coconut, coffee, *Garcinia rubra*, ginger, guava, Japanese persimmon, lychee, papaya, soda-apple nightshade, tropical almond, and vi-apple from Hawaii and in mango from Hawaii and India, and *D. dorsalis* (?) in small green coconut, fig, and tomato from Hawaii and in *Ochrosia* sp. from Guam. The olive fruit fly (*D. oleae*) was intercepted in olive from the Azores, Italy, Lebanon, and Portugal. The celery fly (*Euleia heraclei*) was taken in celery from England. *Rhagoletis alternata* was found in rose hips from Sweden and *R. alternata* (?) in rose hips from Austria and Sweden. *R. cerasi* was intercepted in cherry from France, Germany, Italy, and Portugal and *R. cerasi* (?) in cherry from France, Italy, Portugal, and Spain. *R. juglandis* (?) was taken in walnut from Mexico. The apple maggot (*R. pomonella*) was found in apple and red haw from Mexico. *R. striatella* was intercepted in husk tomato from Mexico.

### INSECTS OTHER THAN FRUIT FLIES

A bruchid, *Acanthoscelides griseolus*, a potential pest of sesbania, was taken in *Sesbania macrocarpa* and *Sesbania* sp. from Mexico. The ground-nut stem girdler (*Alcidodes dentipes*) was found in sweetpotatoes used as food for monkeys coming from West Africa. *Aeolothrips brevicornis* (Aeolothripidae) was intercepted on *Erica* sp. from the Union of South Africa. The citrus blackfly (*Aleurocanthus woglumi*) was



taken on leaves of *Citrus* sp., orange, and sour lime from Mexico. A curculionid, *Baris coerulescens*, was found in radish from France. *Bruchidius incarnatus* (Bruchidae), a considerable pest in Egypt, was found in broadbeans from Egypt and Lebanon. A bruchid, *Bruchus tristiculus*, not yet found breeding in this country, was intercepted in vetch from Italy. The Asiatic rice borer (*Chilo simplex*) was found in rice from China and Japan, and *C. simplex* (?) was found in *Leersia* sp. from Japan. A pentatomid, *Coptosoma cribraria*, a pest of beans in the Orient, was intercepted on the stem of a camellia from China. The banana root borer (*Cosmopolites sordidus*) was taken in banana root from Honduras. *Cylas femoralis* (Curculionidae) was taken in sweetpotato from West Africa; *C. formicarius* in sweetpotato from India; *C. formicarius* var. in sweetpotato from the Fiji Islands, Hawaii, India, Iraq, and Siam; and *C. puncticollis* in sweetpotato from Mozambique, Sierra Leone, and West Africa. The Tahitian coconut weevil (*Diocalandra taitensis*) was found in coconut from Hawaii. *Epicaerus cognatus* (Curculionidae) was taken in potato and *Solanum* sp. (wild potato) from Mexico. A chrysomelid, *Gastrophysa viridula*, believed not yet established in America, was found in soil with potatoes from England. *Gymnandrosoma aurantianum* (Olethreutidae) was found in orange from Brazil. *Leucocera sexpunctatus* (Chrysomelidae) was taken on orchid leaf from Cuba; little is known of this Antillian genus. The pink bollworm (*Pectinophora gossypiella*) was taken in cottonseed from Brazil, Egypt, Hawaii, India, Italy, Jamaica, Mexico, Pakistan, and the Philippines, in seed cotton from Haiti and Mexico, in cotton boll from the Virgin Islands, cotton (grabbots) from Brazil, and in okra from the American Virgin Islands, Brazil, and Puerto Rico. *Pheidole megacephala* (Formicidae), an important economic species, was found on eggplant and pineapple from Cuba. An olethreutid, *Polychrosis botrana*, was taken in grapes from France and Italy. Two curculionids, *Premnotrypes fractirostris* and *P. solani*, were found in potatoes from Peru. *Sesamia cretica* (Phalaenidae) was intercepted in the stem of broomcorn from France. A curculionid, *Sitona humeralis*, not known to be established in North America, was intercepted with garlic, grapes, lily bulbs, and rose stock from Italy. The coffee berry borer (*Stephanoderes hampei*) was taken in coffee berries from Brazil in transit to Canada.

## SNAILS

The giant African snail (*Achatina fulica*) was found on salvaged military equipment which was being returned from Guam, the Philippines, Saipan, and Tinian Island. Living snail eggs were taken from an empty coconut husk attached to the military equipment, while 12 interceptions of living snails and one of dead snails were made on military equipment. One interception was made at New York, N. Y., on material from Saipan, 6 at San Francisco, Calif., from Guam, Saipan, and Tinian Island, and 6 at San Pedro, Calif., from the Philippines and Saipan.

Among other interceptions of snails, not known to occur on the mainland of the United States and injurious to agriculture, was a species of *Lamellaxis* which was taken at Nogales, Ariz., in soil with plants from Mexico, and at San Juan, Puerto Rico in soil arriving by airplane from the Dominican Republic.

## NOTES ON DISEASES INTERCEPTED

Changing conditions for the year under consideration placed China in first place as the country contributing the largest number of interceptions (11) of citrus canker (*Xanthomonas citri*), and India, which held that position for three years, dropped to second place with 9. Japan followed in third place with 4 interceptions. Fruits infected were grapefruit, lemon, Mandarin orange, pummelo, sour lime, and sweet orange. A second disease of concern to citrus production in this country, the sweet orange scab (*Elsinoe australis*), was taken 22 times on lemon from Argentina and Brazil, 22 times on sweet orange from Argentina, Brazil, and Uruguay, twice on sour lime from Brazil, and once on tangerine from Argentina. "Cancrosis B", still another serious disease of citrus in South America, was found on six different occasions on lemons from Argentina. *Coleosporium senecionis*, a rust fungus of possible importance, was intercepted on two large importations of Scotch pine seedlings and one of Swiss mountain pine seedlings. The three importations were from Denmark and were intended for reforestation work in this country. This rust has been reported to do considerable damage to pines in some parts of the world, but is not believed to be established in North America. With this report comes the first records of the interception of the golden nematode (*Heterodera rostochiensis*), a serious pest of potatoes and tomatoes in Europe, known in this country only from Long Island, New York, where efforts are being made to prevent its spread. Analysis during the year of various lots of prohibited foreign soils yielded 11 interceptions of this dangerous pest. *Neovossia indica*, a smut fungus of potential importance to the wheat production of this country, arrived by mail on two occasions from India where it causes as much as 20 percent damage in the hot lowlands. This disease is commonly known as "Karnal bunt".



Other diseases worthy of note were a leaf fungus, *Ascochyta haworthiae*, of haworthias from the Union of South Africa; camellia yellow-spot virus of that host from France; the banana leaf spot (*Cercospora musae*) from various countries where it is known; a rust fungus, *Coleosporium domingense*, on plumeria from Venezuela; a fungus, *Curvularia lunata*, on pepper from Cuba, and on onion from Mexico and Sweden; a fungus, *Cytospora ceratophora*, on nuts of chestnut from Italy; a stem fungus, *Cytospora dahliae*, on dahlia from France; a twig parasite, *Cytospora punica*, on pomegranate from Mexico; the lima bean scab fungus (*Elsinoe phaseoli*) from Cuba; a rust fungus, *Gymnosporangium haraeum*, on juniper from Japan; a stem fungus, *Heterosporium ornithogali*, on ornithogalum from the Union of South Africa; a banana leaf fungus, *Leptosphaeria musarum*, from Colombia and Guatemala; a banana fungus, *Macrophoma musae*, on that host from India, Pakistan, and the Philippines; a brown rot fungus, *Monilinia fructigena*, on peach fruit from Portugal; a leaf and stem fungus, *Phaeosphaeria oryzae*, on rice from China and Japan; citrus black spot (*Phoma citricarpa*) from Australia, China, Formosa, Japan, and the Union of South Africa; a twig fungus, *Phomopsis magnoliae*, on magnolia from the Netherlands; a twig and stem fungus, *Phomopsis sorbicola*, on European mountain-ash from the Netherlands; a leaf fungus, *Phyllachora engleri*, on anthurium from Guatemala; a camellia leaf spot fungus, *Phyllosticta camelliae* from England; a rust fungus, *Prospodium appendiculatum*, on the Florida yellow-trumpet from Mexico; a rust fungus, *Puccinia cichorii*, on chicory from Belgium; a leaf and glume fungus, *Pyrenochaeta oryzae*, on rice from India; a twig fungus, *Sclerotinia kernerii*, on fir from Greece; a bulb-rotting fungus, *Sclerotium delphinii*, on Morocco iris from France; a leaf-spot fungus, *Septoria bambusella*, on bamboo from China; a leaf-spot fungus, *Septoria castanicola*, on chestnut from Italy; a leaf-spot fungus, *Septoria cyclaminis*, on cyclamen from Italy and Switzerland; a leaf blotch fungus, *Septoria posekensis*, on various orchids from Brazil, India, and Mexico; a stem fungus, *Stagonospora graminella*, on wheat from India; a rust fungus, *Thecopsora areolata*, on cherry leaves from Finland; a leaf rust, *Uromyces coronatus*, of wildrice and rice from Japan; a smut fungus, *Ustilago esculenta*, of Asiatic wildrice from Japan; and the hyacinth yellows disease (*Xanthomonas hyacinthi*) in hyacinth bulbs from the Netherlands.

Nematodes of interest for the year were *Aphelenchus aderholdi* in lily-of-the-valley pips from Denmark and Germany; *A. avenae* in aster from Germany; *Ditylenchus* sp., apparently *destructor*, in peanut seed from Uruguay; *D. dipsaci* in garlic from Mexico; *Ditylenchus* sp. in colchicum, iris, and narcissus from the Netherlands; *Heterodera goettingiana* in soil with camellias from the Azores and strawberry roots from Denmark; *H. punctata* with soil about orchid roots from England, and *Tylenchus putrefaciens* in garlic from Mexico.

Of the 1,132 species of pathogens or other organisms listed in the table, 77 were new to the interception files. Interceptions of the other 1,055 pathogens showed 128 new countries of origin and 109 new hosts.

## INCOMPLETELY DETERMINED PESTS

Frequently inspectors find insects or pathogens affecting plant material in such a stage or condition that complete and accurate determination is impracticable or impossible. Some of these insects and pathogens are without doubt new to science, and may be destructive pests. The notes below are given to show the general nature of such incompletely determined interceptions.

### INSECTS

Among the incompletely determined insects were the following fruit flies: *Anastrepha* sp., probably *fraterculus*, at New York, N. Y., in fig in baggage and in grapefruit in stores from Argentina, and at Eagle Pass, Tex., in mango in baggage from Mexico; *Anastrepha* sp., probably *ludens*, at Laredo, Tex., in orange in baggage from Mexico; *Anastrepha* sp., probably *mombinpraeoptans*, at El Paso, Tex., Hidalgo, Tex., and Laredo, Tex., in mango in baggage from Mexico, at El Paso, Tex., in mango in baggage from Salvador, at New Orleans, La., in mango in baggage and in mango in ship's garbage from Guatemala, at New York, N. Y., in mango in baggage from Puerto Rico and Venezuela and in quarters from Puerto Rico, and at Port Arthur, Tex., in mango in stores from Panama, at Laredo, Tex., in guava in baggage from Mexico, at New York, N. Y., in yellow mombin in baggage from Venezuela; *Anastrepha* sp., probably *serpentina*, at Laredo, Tex., in sapote in baggage from Mexico, at New Orleans, La., in apple in quarters, origin unknown, at San Pedro, Calif., in cherimoya in cargo from Ecuador; *Anastrepha* sp., probably *striata* Schiner, at New York, N. Y., in guava in baggage from Trinidad; *Anastrepha* sp., probably *suspensa*, at Miami, Fla., in guava in baggage from Puerto Rico; *Anastrepha* sp. at the National Airport, Arlington, Va., in cherimoya in baggage from Peru, at Baltimore, Md., in grapefruit in stores from Trinidad, in guava in baggage from Puerto Rico, and in orange in stores



from Brazil, at Boston, Mass., in guava in baggage from Puerto Rico, at Brownsville Tex., in mango and orange in baggage from Mexico, at El Paso, Tex., in jobo plum, mamey, and mango in baggage from Mexico, at Galveston, Tex., in orange in stores from Brazil, at Hidalgo, Tex., in mango in baggage from Mexico, at Hoboken, N. J., in *Couma macrocarpa* in express from Brazil, at Jacksonville, Fla., in orange in baggage from Cuba, at Laredo, Tex., in orange and peach in baggage from Mexico, at Miami, Fla., in guava in baggage from Puerto Rico, in hog plum in baggage from Guatemala and Puerto Rico, in mango in baggage from Colombia, Haiti, and Puerto Rico, at New Orleans, La., in mango in baggage from Guatemala, at Newport News, Va., in grapefruit in stores from British Honduras, at New York, N. Y., in guava in baggage, mail, and quarters from Puerto Rico, in mango in stores from Ecuador and Honduras, in mango in baggage and cargo from the Dominican Republic, in *Passiflora* sp. in baggage from Trinidad, and in sapodilla in stores from Peru, at Port Arthur, Tex., in grapefruit in stores from Argentina, at San Juan, P. R., with a bag of oranges in stores from South America, in rose-apple in baggage from British Guiana, and in sapodilla in baggage from the Dominican Republic, at San Ysidro, Calif., in mango in baggage, probable origin La Paz, Baja Calif., and at Tampa, Fla., in mango in pilot's lunch box on an airplane from Panama; probably *Ceratitis* sp. at New York, N. Y., in grapefruit in stores from the Union of South Africa; *Dacus* sp. at Boston, Mass., in melon in stores from southwest Arabia; probably *Dacus* sp. (not *cucurbitae*) at Baltimore, Md., in squash in stores from the Union of South Africa; probably *Dacus* sp. at Galveston, Tex., in vegetable marrow in stores from French West Africa; *Rhagoletis* sp., probably *completa* Cress., at Hidalgo, Tex., and Laredo, Tex., in black walnut in baggage from Mexico; *Rhagoletis* sp. at El Paso, Tex., in *Lycium berlandieri* in baggage from Mexico, at Laredo, Tex., in red haw and walnut in baggage from Mexico. Two species of *Anastrepha* (adults) were found in the light socket in the hold of a ship carrying banana cargo. Fifteen interceptions which could not be identified beyond family (Tephritidae) were taken at Anchorage, Alaska in an airplane from the Orient, at Boston, Mass., in tangerine in stores from India, at the National Airport, Arlington, Va., in *Eugenia* sp. in garbage (evidently discarded by a passenger) from Siam, at El Paso, Tex., in squash in cargo from Mexico, at New Orleans, La., in grape in cargo from Argentina, at New York, N. Y., in *Eugenia* sp. in baggage from Puerto Rico, in grape in cargo from Argentina, in squash in stores from the Union of South Africa, and in a paper bag with peppers (none in peppers) from Liberia, at Philadelphia, Pa., in orange in stores from Brazil, at San Juan, P. R., on banana in stores from Brazil.

The following miscellaneous insects of special interest were intercepted: *Abutiloneus* sp., near *idoneus* Bridwell (Bruchidae) at New York, N. Y., in *Abutilon* sp. seed in cargo from Mexico; *Acanthoscelides* sp., probably *ceratioborus* (Philippi) at St. Paul, Minn., in carob bean in mail from Peru; *Aleurotrachelus* sp. (Aleyrodidae), apparently undescribed, at El Paso, Tex., on *Litsea glaucescens* in mail from Mexico, at San Francisco, Calif., on *Odontoglossum schlieperianum* in air freight from Costa Rica, and on Palmaceae in air express from Guatemala; Aleyrodidae (undescribed genus and species), near *Aleurodicus*, at Brownsville, Tex., on *Laelia majalis* in cargo from Mexico; *Altica* sp., near *rufa* (Ill.) (Chrysomelidae), apparently undescribed, at Brownsville, Tex., with tomatoes in cargo from Mexico; *Anomalococcus* sp. (Coccidae), an undescribed species, at San Francisco, Calif., on orchid in cargo from Siam; *Anthonomus* sp., probably *varipes* Duval, (Curculionidae) at New York, N. Y., in eggplant in cargo from Cuba; *Asterolecanium* sp. (Coccidae), undescribed, at San Diego, Calif., on bamboo stalk in cargo from the Canal Zone; *Bemisia* sp. (Aleyrodidae) on plants on tractor returning from Saipan; *Caryobruchus* (new) sp. (Bruchidae) at Laredo, Tex., in palm seed in baggage from Mexico; a scolytid, *Chramesus* sp., evidently undescribed, at Brownsville, Tex., in wood in cargo from Mexico; a curculionid, *Polydrusus* sp., or *Barypeithes* sp. at Hoboken, N. J., in soil around astilbe roots in cargo from the Netherlands; *Diabrotica* sp., near *curvilinea* Jac., (Chrysomelidae) at Brownsville, Tex., in cabin of airplane from the Canal Zone; *Embolemus* sp., (Embolemidae), rare insects, at Nogales, Ariz., in cabin of airplane carrying tomato cargo from Mexico; *Epicaerus* sp., near *elegantulus* Champ., (Curculionidae) at Brownsville, Tex., on gardenia in quarters of an airplane from Mexico; a lygaeid, *Exptochiomera* sp., probably undescribed, at Laredo, Tex., on an orchid plant in cargo from Mexico; *Glaucothrips* sp. (Thripidae) at Hoboken, N. J., on *Erica* sp. and *Protea* sp. in air express from the Union of South Africa and at New York, N. Y., on *Erica* sp. in cargo from the Union of South Africa; *Gnorimoschema* sp., doubtfully *borsaniella* Koeh., (Gelechiidae) at New York, N. Y., in pepper in stores from Brazil; an olethreutid, *Gymnandrosoma* sp. at Miami, Fla., in guava in baggage from Puerto Rico and at New York, N. Y., in grapefruit in stores from Uruguay; *Heterobostrychus* sp., near *pileatus* Lesne, (Bostrichidae) at New York, N. Y., in wood in cargo from India; Lampyridae, genus unknown and unlike any form in this country, at Brownsville, Tex., with *Miltonia endresii* in cargo from Costa Rica; *Leptodictya* (new) sp. (Tingidae)



at Nogales, Ariz., with orchids and succulent plants in baggage from Mexico; a chrysomelid, *Phyllobrotica* sp. or near, at Blaine, Wash., in lily bulb in cargo from Japan; *Pissodes* sp., probably *notatus* F., (Curculionidae) at New Orleans, La., in packing strips around peat moss in cargo from the Netherlands; *Pityokteines* sp., probably *curvidens* (Germ.), (Scolytidae) at Galveston, Tex., in strips around peat moss in cargo from Germany; *Platylecanium* sp. (Coccidae), undescribed species, at San Francisco, Calif., on *Vanda caerulea* in air freight from Siam; doubtfully *Prays citri* Mill. (Hypomeutidae) at Detroit, Mich., in orange blossom in baggage from Sicily; *Prays* sp. at Seattle, Wash., in *Citrus* sp. in stores from the Philippines, at Baltimore, Md., in *Citrus sinensis* junos in stores from the Philippines and at Galveston, Tex., in grapefruit in stores from Egypt; *Tarsonemus* sp., a mite, at New York, N. Y., on nectarine in cargo from Chile and at Seattle, Wash., on rhododendron leaf in cargo from England; an aleyrodid, *Tetraleurodes* sp., near *acaciae* (Q.), undescribed, at San Ysidro, Calif., on twig of *Dalea spinosa* in baggage from Mexico; *Tetralica* sp. (Aleyrodidae), apparently undescribed, at Brownsville, Tex., on gardenia in baggage and cargo from Mexico and at Nogales, Ariz., on white sapote foliage in baggage from Mexico; *Xylopertha* sp., probably *crinitarsis* Imh., (Bostrichidae) at Baltimore, Md., in mahogany in cargo from Gold Coast, Africa.

There were 4,798 interceptions distributed among 893 genera, which could be identified to genus only. A total of 115 could be determined to family or subfamily only.

A total of 4,913 incompletely determined insects were intercepted during the year.

DISEASES

Among the incompletely determined plant disease organisms collected from incoming material during the year were *Cercospora* sp. on cordia from Mexico; *Cercospora* sp. on cocoa from Peru; *Cercospora* sp. on avocado from Mexico; *Cercospora* sp. on pea pod from Mexico; *Cytospora* sp. of rhododendron from England; *Cytospora* sp. on yew seed from Japan; *Helminthosporium* sp. on rice from China and Japan; "Leprosis" on sweet orange from Liberia and Mexico; *Monilia* sp. on rice from China; *Phoma* sp. on sweet lime from Italy and on lemon from Argentina, Italy, Turkey, and Uruguay; *Phyllosticta* sp. on spinach from Turkey; *Phyllosticta* sp. on sweet orange leaf from Brazil and on unidentified citrus leaf from Italy; *Phyllosticta* sp. on daphne from England; *Rhabdospora* sp. on rhododendron from England; *Ramularia* sp. on gladiolus corm from the Netherlands; *Septoria* sp. on anthurium from Belgium; *Sporocybe* sp. on rhododendron from England; *Tilletia* sp. on wheat from India; and *Uredo* sp. on leek leaves from England and France.

Nematode interceptions worthy of note were *Aphelenchoides* sp. in peanut seed from Uruguay and in a tomato fruit from Mexico; *Aphelenchus* sp. in onion and garlic from Mexico; *Ditylenchus* sp. from Germany in New England aster roots, from Denmark with lily-of-the-valley pips, and from the Netherlands in colchicum corms, iris bulbs, and tigridia bulbs; *Heterodera* sp. in soil with undetermined plant from France; and *Pratylenchus* sp. with lily-of-the-valley pips from Denmark.

A total of 571 incompletely determined pathogens were recorded during the year.

Geographic summary of interceptions listed in main table and interception totals

Country	Insect	Disease	Country	Insect	Disease
	Number	Number		Number	Number
Africa:			Asia (continued):		
Algeria.....	9	1	Cyprus.....	4	1
Cape of Good Hope.....	1	0	Formosa.....	2	1
Cape Verde Islands.....	1	0	India.....	94	36
Egypt.....	15	3	Iran.....	0	1
Kenya.....	1	2	Iraq.....	2	1
Liberia.....	0	1	Israel.....	1	0
Madeira Islands.....	6	0	Japan.....	77	77
Morocco.....	9	0	Korea.....	1	1
Mozambique.....	1	0	Lebanon.....	10	0
Nigeria.....	6	0	Orient.....	0	1
Pretoria.....	4	0	Pakistan.....	1	1
Sierra Leone.....	5	1	Palestine.....	8	0
Southwest Africa.....	3	0	Siam.....	8	2
Transvaal.....	2	0	Straits Settlements.....	11	1
Tunisia.....	2	0	Syria.....	4	0
Union of South Africa.....	40	13	Australasia:		
West Africa.....	3	0	Aitutaki Island.....	0	1
Asia:			American Samoa.....	1	0
Afghanistan.....	10	4	Australia.....	17	20
China.....	27	148	Batavia.....	1	0



*Geographic summary of interceptions listed in main table and interception totals*  
—Continued

Country	Insect	Disease	Country	Insect	Disease
	Number	Number		Number	Number
Australasia (continued):			North America (continued):		
Bintan Island.....	1	0	Bahamas.....	7	0
Canton Island.....	0	1	Barbados.....	2	1
Ceylon.....	3	2	British West Indies.....	6	1
Fiji Islands.....	3	1	Cuba.....	73	11
Guam.....	7	2	Dominican Republic.....	12	1
Hawaii.....	255	10	Haiti.....	5	1
New Zealand.....	3	1	Jamaica.....	26	2
Philippines.....	45	9	Netherlands West Indies.....	1	0
Saipan.....	5	0	Puerto Rico.....	231	18
South Pacific.....	2	0	St. Kitts.....	1	0
Tinian Island.....	2	0	St. Lucia.....	0	1
Truk.....	2	0	Trinidad.....	35	2
Europe:			Virgin Islands.....	5	0
Austria.....	3	0	South America:		
Azores.....	14	3	Argentina.....	22	25
Belgium.....	89	36	Brazil.....	100	43
Czechoslovakia.....	3	1	British Guiana.....	9	1
Denmark.....	7	11	Chile.....	16	1
England.....	78	36	Colombia.....	37	7
Europe.....	1	0	Ecuador.....	5	2
Finland.....	4	1	Netherlands Guiana.....	5	0
France.....	85	10	Peru.....	12	4
Germany.....	30	14	South America.....	0	1
Greece.....	10	1	Uruguay.....	5	2
Hungary.....	5	0	Venezuela.....	54	6
Ireland.....	12	2	Total:		
Italy.....	303	30	Africa.....	108	21
Netherlands.....	113	173	Asia.....	260	275
Norway.....	10	1	Australasia.....	347	47
Poland.....	1	1	Europe.....	940	348
Portugal.....	45	12	North America.....	2,227	344
Rumania.....	0	3	South America.....	265	92
Scotland.....	7	0	Unknown.....	12	3
Spain.....	27	1	Total.....		
Sweden.....	34	3		4,159	1,130
Switzerland.....	6	2	Total incompletely deter-		
Turkey.....	49	7	mined pests, pp. ....		
Wales.....	1	0		4,913	571
Yugoslavia.....	3	0	Total insect interceptions.....	9,072	
North America:			Total disease interceptions.....		1,701
Bermuda.....	8	7	Grand total.....		10,773
Canada.....	8	3	NOTE.—In addition to the countries named above,		
British Columbia.....	2	1	interceptions were made from Anglo-Egyptian		
Central America:			Sudan, Antigua, Aruba, Belgian Congo, Bolivia,		
British Honduras.....	1	0	British Somaliland, Canary Islands, Christmas Is-		
Canal Zone.....	69	4	land, Eniwetok Island, Ethiopia, French West		
Costa Rica.....	74	40	Africa, Gibraltar, Gold Coast, Grenada, Java,		
Guatemala.....	58	30	Johnston Island, Kwajalein Island, Luxembourg,		
Honduras.....	28	6	Manua Island, Mariana Islands, Midway Island,		
Nicaragua.....	7	2	Natal, Nevis, New Guinea, Oceania, Paraguay,		
Panama.....	23	11	Rhodesia, St. Vincent, Trieste, and Wake Island.		
Salvador.....	21	1			
Mexico.....	1516	203			
West Indies.....	1	0			
American Virgin Islands.....	7	0			

*List of pests (insects) collected and reported from July 1, 1946, to June 30, 1949, inclusive*  
[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Acalypta parva</i> (Fall.) (Tingidae): Woods moss.....	France.....			1	New Jersey.
<i>Acalypta parvula</i> (Fall.) (Tingidae): Woods moss.....	do.....			1	Do.
<i>Acanthocinus aedilis</i> (L.) (Ceramby- cidae): Pinus sp. (pine).....	Netherlands.....	3			Alabama, Texas.
Wood.....	do.....				Louisiana.



List of pests (insects) collected and reported from July 1, 1948, to June 30, 1949, inclusive  
—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Acanthoscelides armitagei</i> (Pic.) (Bruchi- dae): <i>Cajanus cajan</i> (pigeonpea).....	Brazil, Canal Zone, Guate- mala, Pana- ma, Venez- uela.....	4	-----	3	District of Col- umbia, New Jersey, New York.
<i>Acanthoscelides griseolus</i> (Fall) (Bruchi- dae): <i>Sesbania exaltata</i> .....	Mexico.....	1	-----	-----	California.
<i>Sesbania</i> sp.....	do.....	-----	-----	1	Arizona.
<i>Acanthoscelides obreptus</i> Bridwell (Bruchidae): <i>Vigna sinensis</i> (cowpea).....	do.....	-----	-----	1	District of Col- umbia.
<i>Acanthoscelides spinipes</i> (Er.) (Bruchi- dae): Legume pod.....	Italy.....	1	-----	-----	New York.
<i>Achatina fulica</i> (Fer.) (Mollusca): <i>Cocos nucifera</i> (coconut).....	Guam.....	1	-----	-----	California.*
Returned military equipment.....	Guam, Phil- ippines, Sai- pan, Tinian Island. ....	13	-----	-----	California*, New York.
<i>Acrolepia assectella</i> (Zell.) (Hypono- meutidae): <i>Allium cepa</i> (onion).....	Italy.....	-----	1	-----	Texas.
<i>Allium porrum</i> (leek).....	France, Netherlands.	-----	4	-----	Pennsylvania
<i>Acroleucus vicinalis</i> Dist. (Lygaeidae): Orchid.....	Mexico.....	-----	-----	1	Texas.
<i>Acrosticta mexicana</i> Cole (Otitidae): <i>Ananas comosus</i> (pineapple).....	do.....	1	-----	-----	Do.
<i>Adelocera longicornis</i> Champ. (Elateri- dae): Orchid.....	do.....	-----	-----	1	Do.
<i>Adoretus sinicus</i> Burm. (Scarabaeidae): Airplane.....	Hawaii.....	-----	1	-----	Hawaii.
Baggage.....	do.....	-----	1	-----	Do.
<i>Hibiscus</i> sp.....	do.....	1	-----	-----	Do.
<i>Ipomoea tuberosa</i> (woods rose).....	do.....	1	-----	-----	Do.
<i>Strelitzia reginae</i> (bird-of-paradise- flower).....	do.....	1	-----	-----	Do.
<i>Aeoloides grisescens</i> (Germ.) (Elateridae): <i>Beta</i> sp.....	Union of South Africa.	-----	1	-----	New York.
<i>Aeolothrips brevicornis</i> Bagn. (Aeolo- thripidae): <i>Erica</i> sp.....	do.....	2	-----	-----	Do.
<i>Aeolus pulchellus</i> Cand. (Elateridae): Airplane.....	Salvador.....	-----	1	-----	Louisiana.
<i>Agallia quadripunctata</i> (Prov.) (Cica- dellidae): <i>Phlox subulata</i> (moss phlox).....	Canada.....	-----	-----	1	New Jersey.
Woods moss.....	do.....	-----	-----	1	Do.
<i>Agalliopsis novella</i> (Say) (Cicadellidae): Woods moss.....	do.....	-----	-----	1	Do.
<i>Aglossa cuprealis</i> (Hbn.) (Pyralididae): <i>Salix</i> sp. (willow).....	Portugal.....	1	-----	-----	Massachusetts.
<i>Triticum aestivum</i> (wheat).....	Azores.....	1	-----	-----	Do.
<i>Agonosoma trilineata</i> (F.) (Pentato- midae): Orchid.....	Canal Zone.....	-----	-----	1	Puerto Rico.
<i>Aldidodes dentipes</i> (Oliv.) (Curculioni- dae): <i>Ipomoea batatas</i> (sweetpotato).....	Sierra Leone, West Africa.	1	1	-----	Massachusetts, New York.
<i>Aleurocanthus woglumi</i> Ashby (Aleyro- didae): <i>Citrus aurantifolia</i> (sour lime).....	Mexico.....	21	1	1	Arizona, California*, Texas.
<i>Citrus sinensis</i> (orange).....	do.....	1	-----	-----	Texas.
<i>Citrus</i> sp.....	do.....	12	-----	-----	Arizona, Texas.
<i>Aleuroglandulus emmae</i> Russell (Aleyrodidae): Orchid.....	do.....	-----	-----	1	Texas.



List of pests (insects) collected and reported from July 1, 1948, to June 30, 1949, inclusive  
—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Aleuroparadoxus gardeniae</i> Russell (Aleyrodidae): <i>Gardenia augusta</i> (gardenia)-----	do-----	6	-----	-----	California* Texas.
<i>Aleuroplatus cococolus</i> Q. & B. (Aleyro- didae): Palm-----	do-----	1	-----	-----	Arizona.
<i>Aleurothrixus myrtacei</i> Bondar (?) (Aleyrodidae): <i>Myrtus</i> sp. (myrtle)-----	Brazil-----	-----	-----	1	Florida.
<i>Aleurotrachelus camelliae</i> (Kuw.) (Aleyrodidae): <i>Camellia japonica</i> (camellia)-----	Japan-----	-----	-----	1	Do.
<i>Aleurotrachelus trachoides</i> (Back) (Aleyrodidae): <i>Annona squamosa</i> (sugar-apple)-----	Cuba-----	1	-----	-----	Do.
<i>Algarobius ceratioborus</i> (Philippi) (Bruchidae): <i>Acacia farnesiana</i> (cascalote)-----	Salvador-----	1	-----	-----	Louisiana.
<i>Caesalpinia brevifolia</i> -----	Chile-----	2	-----	-----	New York.
<i>Cordia trichotoma</i> -----	Argentina-----	-----	-----	1	District of Col- umbia.
<i>Prosopis algarobilla</i> -----	do-----	-----	-----	1	Do.
<i>Prosopis nigra</i> -----	do-----	-----	-----	1	Oregon.
<i>Algarobius prosopis</i> (Lec.) (Bruchidae): <i>Prosopis pubescens</i> (screwbean)-----	Mexico-----	1	-----	-----	Texas.
<i>Prosopis</i> sp.-----	Hawaii, Mexico-----	2	-----	-----	Arizona, Hawaii.
<i>Allantus cinctus</i> (L.) (Tenthredinidae): <i>Kerria</i> sp.-----	Netherlands-----	-----	-----	1	New Jersey.
<i>Magnolia soulangeana</i> (saucer mag- nolia)-----	do-----	-----	-----	1	Do.
<i>Magnolia</i> sp.-----	do-----	-----	-----	1	Do.
<i>Weigela</i> sp.-----	do-----	-----	-----	1	Do.
<i>Alpheias conspirata</i> Hein. (Galleriidae): <i>Ananas comosus</i> (pineapple)-----	Mexico-----	56	-----	-----	Texas.
<i>Amorbia emigratella</i> Busck (Tortricidae): Cut flowers-----	do-----	1	-----	-----	Do.
<i>Gardenia augusta</i> (gardenia)-----	do-----	1	-----	-----	Do.
<i>Zingiber</i> sp.-----	Hawaii-----	1	-----	-----	California.
<i>Amphicerus cornutus</i> (Pallas) Bostrichi- dae): Orchid-----	Mexico-----	-----	-----	1	Texas.
Wood-----	India, Mexico-----	4	-----	-----	Missouri, New York, Wash- ington.
<i>Ananca hottentota</i> Fairm. (Oedemeridae): <i>Protea</i> sp.-----	Union of South Africa-----	1	-----	-----	New York.
<i>Anastrepha fraterculus</i> (Wied.), (Tephritidae): <i>Citrus paradisi</i> (grapefruit)-----	Brazil-----	-----	2	-----	Maryland, New York.
<i>Citrus sinensis</i> (orange)-----	do-----	-----	2	-----	New York.
<i>Mangifera indica</i> (mango)-----	Dominican Republic, Mexico, Sal- vador, Tri- nidad-----	7	-----	-----	Alabama, New York, Texas.
<i>Anastrepha fraterculus</i> (Wied.) (?) (Tephritidae): <i>Annona cherimola</i> (cherimoya)-----	Chile-----	1	-----	-----	District of Col- umbia.
<i>Citrus sinensis</i> (orange)-----	Brazil, Peru-----	1	1	-----	Alabama, Maryland, New York.
<i>Vitis</i> sp. (grape)-----	Argentina-----	3	-----	-----	-----
<i>Anastrepha ludens</i> (Loew) (Tephritidae): <i>Annona</i> sp.-----	Guatemala-----	1	-----	-----	Louisiana.
<i>Citrus aurantifolia</i> (sweet lime)-----	Mexico-----	22	-----	-----	Texas.
<i>Citrus aurantium</i> (sour orange)-----	do-----	2	-----	-----	Do.
<i>Citrus paradisi</i> (grapefruit)-----	do-----	8	-----	-----	Do.
<i>Citrus reticulata</i> (tangerine)-----	do-----	1	-----	-----	Do.
<i>Citrus sinensis</i> (orange)-----	Costa Rica, Guatemala, Mexico-----	100	4	-----	Louisiana Texas.



List of pests (insects) collected and reported from July 1, 1948, to June 30, 1949, inclusive  
—Continued  
[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Anastrepha ludens</i> —Continued					
<i>Cydonia oblonga</i> (quince)-----	Mexico-----	3	-----	-----	Texas.
<i>Malus sylvestris</i> (apple)-----	do-----	2	-----	-----	Do.
<i>Mammea americana</i> (mamey)-----	Guatemala-----	1	-----	-----	Do.
<i>Mangifera indica</i> (mango)-----	Guatemala,----- Honduras, Mexico.	22	2	-----	Arizona, California, Louisiana, Texas.
<i>Persea americana</i> (avocado)-----	Mexico-----	2	-----	-----	Texas.
<i>Prunus persica</i> (peach)-----	do-----	2	-----	-----	Do.
<i>Punica granatum</i> (pomegranate)-----	do-----	4	-----	-----	Do.
<i>Pyrus communis</i> (pear)-----	do-----	4	-----	-----	Do.
Sapote-----	do-----	1	-----	-----	Do.
<i>Anastrepha mombinpraeoptans</i> Sein (Tephritidae):					
<i>Mangifera indica</i> (mango)-----	Bermuda,----- Costa Rica, Dominican Republic, Guatemala, Haiti, Honduras Jamaica, Mexico, Panama, Puerto Rico, Salvador.	108	11	-----	Alabama, California*, Florida*, Louisiana, Maryland, Massachu- setts, New York, Penn- sylvania, Puerto Rico Texas, Virginia.
<i>Psidium guajava</i> (guava)-----	Cuba, Puerto Rico, Sal- vador.	32	-----	-----	Florida*, Louisiana, New York, Pennsylvan- ia, Puerto Rico.
<i>Spondias mombin</i> (yellow mombin)-----	Guatemala, Mexico, Puerto Rico, Salvador, Trinidad.	9	1	-----	California*, Florida*, Louisiana, New York, Texas.
<i>Spondias</i> sp.-----	Guatemala,-- Puerto Rico, Salvador.	4	-----	-----	Louisiana, New York.
<i>Anastrepha mombinpraeoptans</i> Sein (?) (Tephritidae):					
<i>Mangifera indica</i> (mango)-----	Panama, Trin- idad.	-----	3	-----	Alabama, Texas.
<i>Anastrepha serpentina</i> (Wied.). (Tephritidae):					
<i>Achras zapota</i> (sapodilla)-----	Guatemala,-- Venezuela.	2	-----	-----	Florida*, Louisiana.
<i>Calocarpum sapota</i> (sapote)-----	Guatemala-----	1	-----	-----	Louisiana.
<i>Chrysophyllum cainito</i> (star-apple)-----	Mexico-----	-----	2	-----	Do.
<i>Citrus paradisi</i> (grapefruit)-----	Trinidad-----	-----	2	-----	New York.
<i>Citrus sinensis</i> (orange)-----	do-----	-----	2	-----	Florida*, Puerto Rico
<i>Mammea americana</i> (mamey)-----	Mexico-----	6	-----	-----	Texas.
Sapote-----	Panama-----	1	-----	-----	Do.
<i>Anastrepha serpentina</i> (Wied.) (?) (Tephritidae):					
<i>Achras zapota</i> (sapodilla)-----	Netherlands -- West Indies.	1	-----	-----	New York.
<i>Anastrepha suspensa</i> (Loew) (Tephriti- dae):					
<i>Citrus sinensis</i> (orange)-----	Puerto Rico-----	1	-----	-----	Do.
<i>Psidium guajava</i> (guava)-----	Cuba, Puerto Rico.	10	-----	-----	Florida*, Massachu- setts, New York, Puerto Rico.
<i>Ancylostomia stercorea</i> (Zell.) (Phyciti- dae):					
<i>Cajanus cajan</i> (pigeonpea)-----	Bahamas, Dominican Republic, Panama Puerto Rico, Trinidad.	29	-----	-----	Maryland, New York, Pennsylvan- ia, Puerto Rico, Virginia.



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<i>Andricus glandium</i> Giraud (Cynipidae): <i>Quercus</i> sp. (valonia)-----	Turkey-----	1	-----	-----	New York.
<i>Anomala rufocuprea viridiaenea</i> Ohaus (Scarabaeidae): <i>Cupressus</i> sp. (cypress)-----	Japan-----	-----	-----	1	Washington.
<i>Antestia variegata</i> (Thunberg) (Pentato- midae): <i>Protea</i> sp.-----	Union of South Africa.	-----	1	-----	New York.
<i>Antestia variegata lineaticollis</i> (Stal) (Pentatomidae): <i>Protea</i> sp.-----	do-----	1	-----	-----	Do.
<i>Anthonomus albolineatus</i> Champ. (Cur- culionidae): Orchid-----	Mexico-----	-----	-----	2	Texas.
<i>Anthonomus incanus</i> Champ. (Curcu- lionidae): Orchid-----	do-----	-----	-----	1	Arizona.
<i>Anthonomus rectirostris</i> (L.) (Curculion- idae): <i>Prunus padus</i> (European bird cherry)	Austria-----	-----	-----	1	New Jersey.
<i>Anuraphis helichrysi</i> (Kltb.) (Aphidae): <i>Chrysanthemum</i> sp.-----	England, Nor- way, Scot- land.	3	-----	-----	Massachusetts, New York.
<i>Anuraphis tulipae</i> (Fonse.) (Aphidae): <i>Anemone</i> sp.-----	Bermuda-----	1	-----	-----	New York.
<i>Crocus</i> sp.-----	Netherlands--	-----	-----	1	New Jersey.
<i>Iris bucharica</i> -----	do-----	-----	-----	1	Do.
<i>Iris hoogiana</i> -----	do-----	-----	-----	2	Do.
<i>Iris susiana</i> (mourning iris)-----	England, France, Netherlands.	-----	-----	12	Do.
<i>Iris xiphioides</i> (English iris)-----	Netherlands--	-----	-----	1	Do.
<i>Iris</i> sp.-----	England, France, Netherlands.	-----	-----	9	California*, New Jersey.
<i>Tulipa</i> sp. (tulip)-----	Belgium, Netherlands.	-----	-----	4	New Jersey, New York.
<i>Aonidiella citrina</i> (Coq.) (Coccidae): <i>Canangium odoratum</i> ("ilangilang")	Philippines--	1	-----	-----	Minnesota.
<i>Citrus paradisi</i> (grapefruit)-----	Australia-----	-----	1	-----	California*
<i>Cordia</i> sp.-----	Mexico-----	1	-----	-----	Texas.
<i>Aonidiella comperei</i> McKenzie (Cocci- dae): <i>Citrus aurantifolia</i> (sour lime)-----	Trinidad-----	1	-----	-----	Florida.*
<i>Aonidiella inornata</i> McKenzie (Cocci- dae): <i>Citrus reticulata</i> (tangerine)-----	Philippines--	-----	2	-----	California.*
<i>Cocos nucifera</i> (coconut)-----	Philippines, South Pacific.	3	3	-----	Do.
<i>Jasminum sambac</i> (Arabian jasmine)	Hawaii-----	-----	-----	1	Do.
<i>Jasminum</i> sp.-----	do-----	1	-----	-----	Do.
<i>Musa paradisiaca sapientum</i> ----- (banana)	Truk-----	1	-----	-----	Hawaii.
<i>Aoromius quinquepunctatus</i> (L.) (Curculionidae): <i>Vicia</i> sp. (vetch)-----	France-----	1	-----	-----	Maryland.
<i>Aphanus saturnius</i> (Rossi) (Lygaeidae): <i>Vitis</i> sp. (grape)-----	Italy-----	1	-----	-----	New York.
<i>Aphanus umbrosus</i> Dist. (Lygaeidae): <i>Lycopersicon esculentum</i> (tomato)-----	Mexico-----	1	-----	-----	Texas.
<i>Apion carduorum</i> Kby. (Curculionidae): <i>Cynara cardunculus</i> (cardoon)-----	Italy-----	-----	-----	1	New York.
<i>Cynara scolymus</i> (globe artichoke)-----	France, Italy--	2	2	-----	Do.
<i>Apion pomonae</i> F. (Curculionidae): <i>Vicia</i> sp. (vetch)-----	France, Por- tugal, Spain.	3	-----	-----	Alabama, New York.
<i>Araecerus vieillardii</i> (Montr.) (Anthri- bidae): Airplane-----	Australia-----	-----	1	-----	Hawaii.
<i>Ipomoea tuberosa</i> (wood rose)-----	Hawaii-----	1	-----	-----	Do.
<i>Argyresthia conjugella</i> Zell. (Hypono- meutidae): <i>Malus sylvestris</i> (apple)-----	Norway-----	1	-----	-----	New York.



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<i>Argyrotaenia franciscana</i> (Wlsm.) (?) (Tortricidae):					
<i>Malus sylvestris</i> (apple)-----	Mexico-----		1		California.*
<i>Artipus floridanus</i> Horn (Curculionidae):					
Herbaceous plant-----	Bahamas-----	1			Florida*.
<i>Arvelius albopunctatus</i> (Deg.) (Penta- tomidae):					
<i>Capsicum frutescens</i> (pepper)-----	Mexico-----	1			Texas.
<i>Lycopersicon esculentum</i> (tomato)-----	do-----	3			Arizona, Texas.
<i>Aspidiotus abietis</i> (Schr.) (Coccidae):					
<i>Abies</i> sp. (fir)-----	Czechoslovakia-----			1	New York.
<i>Aspidiotus coryphae</i> Ckll. & Rob. (Coccidae):					
<i>Cocos nucifera</i> (coconut)-----	Philippines-----		1		California.*
<i>Aspidiotus degeneratus</i> (Leon.) (Cocci- dae):					
<i>Camellia</i> sp.-----	China-----			2	Do.
<i>Aspidiotus destructor</i> Sign. (Coccidae):					
<i>Cocos nucifera</i> (coconut)-----	Canal Zone, Costa Rica, Guatemala, Honduras, Mexico.	16	5		California,* Florida,* Texas.
<i>Mammea americana</i> (mamey)-----	Puerto Rico-----			1	New York.
<i>Musa paradisiaca sapientum</i> (banana)-----	Costa Rica----- Cuba, Gua- temala.	19			California,* Florida.*
Palm-----	Cuba-----	1			Florida.*
Plant leaf-----	Jamaica-----			1	California.*
<i>Aspidiotus diffinis</i> Newst. (Coccidae):					
<i>Achras zapota</i> (sapodilla)-----	Mexico-----	1			Do.
<i>Philodendron</i> sp.-----	Colombia-----			1	Florida.*
<i>Aspidiotus excisus</i> Green (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime)-----	Straits Settle- ments.		1		California.*
Plant-----	Philippines-----	1			Washington.
<i>Aspidiotus herculeanus</i> Ckll. & Hadden (Coccidae):					
<i>Plumeria</i> sp.-----	Hawaii-----	1			California.*
<i>Aspidiotus palmarum</i> Ckll. (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime)-----	Mexico-----		1		Do.
<i>Citrus sinensis</i> (orange)-----	Costa Rica-----		1		Do.
<i>Lycaste gigantea</i> (orchid)-----	do-----			1	Florida.*
<i>Musa paradisiaca sapientum</i> (banana)-----	Costa Rica, Nicaragua.	5			California.*
<i>Philodendron</i> sp.-----	Costa Rica-----			1	Florida.
<i>Aspidiotus pseudomeyeri</i> Kuw. (Cocci- dae):					
<i>Cupressus</i> sp. (cypress)-----	Japan-----			1	Washington.
<i>Aspidiotus spinosus</i> Comst. (Coccidae):					
<i>Cocos nucifera</i> (coconut)-----	Hawaii-----	2			California.*
<i>Diospyros</i> sp. (persimmon)-----	Greece-----	1			Massachusetts
<i>Laelia anceps</i> (orchid)-----	Mexico-----			1	Texas.
<i>Musa paradisiaca sapientum</i> (banana)-----	Nicaragua-----	2			California.*
<i>Asterolecanium bambusae</i> (Bdv.) (Coccidae):					
Bamboo-----	British Guiana, Mexico.	5			Arizona, New York.
<i>Asterolecanium epidendri</i> (Bouche) (Coccidae):					
<i>Anthurium</i> sp.-----	Costa Rica-----			1	Florida.
<i>Catasetum viridiflavum</i> (orchid)-----	Canal Zone-----			1	New Jersey.
<i>Cattleya dowiana</i> (orchid)-----	Costa Rica-----			1	California.*
<i>Cattleya lueddemanniana</i> -----	Venezuela-----			1	Texas.
<i>Cattleya</i> sp.-----	Costa Rica-----			1	Do.
<i>Dendrobium</i> sp. (orchid)-----	Brazil-----			1	California,*
<i>Laelia anceps</i> (orchid)-----	Mexico-----	1			Texas.
<i>Oncidium flexuosum</i> (orchid)-----	Brazil-----			1	New Jersey.
<i>Oncidium lanceanum</i> -----	Trinidad-----			1	Do.
Orchid-----	Canal Zone, Costa Rica, Jamaica.			3	Florida, Puerto Rico.
<i>Asterolecanium pustulans</i> (Ckll.) (Coccidae):					
<i>Achras zapota</i> (sapodilla)-----	Puerto Rico-----	1			New York.



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<i>Asterolecanium pustulans</i> —Continued					
<i>Jasminum sambac</i> (Arabian jasmine)	Hawaii			1	California.*
<i>Nerium oleander</i> (oleander)	Bahamas			1	New York.
<i>Plumeria</i> sp.	Hawaii			1	California.*
<i>Asterolecanium stentae</i> Brain (Coccidae):					
<i>Heurnia vogtsii</i>	Transvaal			1	Do.
<i>Athesapeuta cyperi</i> Mshl. (Curculionidae):					
<i>Vanda</i> sp. (orchid)	Hawaii	1			Hawaii.
<i>Athous haemorrhoidalis</i> (F.) (Elateridae):					
Soil around plants	England			1	New York.
<i>Athous niger</i> (L.) (Elateridae):					
<i>Paeonia</i> sp. (peony)	Netherlands			1	New Jersey.
<i>Athous subfuscus</i> (Mull.) (Elateridae):					
Soil	France			1	Do.
<i>Athous vittatus</i> (F.) (Elateridae):					
Soil	do			1	Do.
<i>Attelabus corvinus</i> Gyll. (Curculionidae):					
Orchid	Mexico			1	Texas.
<i>Baris coerulescens</i> (Scop.) (Curculionidae):					
<i>Raphanus sativus</i> (radish)	France		1		New York.
<i>Barynotus moerens</i> (F.) (Curculionidae):					
Soil around <i>Convallaria</i> pips	England	1			Pennsylvania.
<i>Barypeithes araneiformis</i> Schr. (Curculionidae):					
<i>Fragaria</i> sp. (strawberry)	Ireland	1			Massachusetts.
<i>Bibio johannis</i> (L.) (Biblonidae):					
Soil	France			1	New Jersey.
<i>Blastophagus piniperda</i> (L.) (Scolytidae):					
<i>Pinus</i> sp. (pine)	Germany, Netherlands, Poland.	8			Alabama, New York, Texas.
Wooden strips around peat moss	Netherlands	1			Louisiana.
<i>Brachycerus albidentatus</i> Gyll. (Curculionidae):					
<i>Allium sativum</i> (garlic)	Italy	4			New York.
<i>Brachycerus algirus</i> F. (Curculionidae):					
<i>Allium sativum</i> (garlic)	do	6	2		Louisiana, New York, Texas.
<i>Brachyrhinus meridionalis</i> (Gyll.) (Curculionidae):					
<i>Lilium candidum</i> (Madonna lily)	France			1	New York.
<i>Brachyrhinus singularis</i> (L.) (Curculionidae):					
Grass and weed roots in soil ballast	Scotland	1			Alabama.
<i>Brachyrhinus sulcatus</i> F. (Curculionidae):					
<i>Astilbe</i> sp.	Netherlands			1	New Jersey.
<i>Ribes alpinum</i> (mountain currant)	do			1	Do.
Soil around rhododendron roots	Azores			1	New York.
<i>Brentus anchorago</i> (L.) (Brentidae):					
<i>Cybtax donnell-smithii</i> (primavera)	Honduras	1			Louisiana.
<i>Bruchidius bigguttatus fulvipennis</i> (Germ.) (Bruchidae):					
<i>Cistus</i> sp.	Turkey			1	District of Columbia.
<i>Bruchidius incarnatus</i> (Boh.) (Bruchidae):					
<i>Vicia faba</i> (broadbean)	Egypt, Lebanon.	3	1		Massachusetts, New York, Texas.
<i>Bruchidius lividimanus</i> (Gyll.) (Bruchidae):					
<i>Cytisus scoparius</i> (Scotch broom)	Italy			1	New Jersey.
<i>Bruchidius quinqueguttatus</i> (Oliv.) (Bruchidae):					
<i>Vicia</i> sp. (vetch)	Turkey	1			New York.
<i>Bruchus affinis</i> Froel. (Bruchidae):					
Grain used for monkey food	India		1		Georgia.
<i>Lathyrus odoratus</i> (sweet pea)	Switzerland			1	Ohio.
<i>Vicia</i> sp. (vetch)	France	1			Alabama.
<i>Bruchus atomarius</i> (L.) (Bruchidae):					
<i>Vicia faba</i> (broadbean)	Turkey			1	District of Columbia.



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<i>Bruchus dentipes</i> Baudi (Bruchidae): <i>Vicia faba</i> (broadbean).....	Lebanon.....	2	-----	-----	New Jersey, New York.
<i>Bruchus emarginatus</i> Allard (Bruchidae): <i>Pisum sativum</i> (pea).....	India.....	-----	-----	4	District of Columbia.
<i>Bruchus ervi</i> Froel. (Bruchidae): <i>Lens culinaris</i> (lentil).....	Lebanon, Italy, Syria, Turkey.	7	-----	7	District of Columbia, New Jersey, New York.
<i>Vicia ervillia</i> (bitter vetch).....	Turkey.....	-----	-----	1	District of Columbia.
<i>Bruchus guttalis</i> Rey (Bruchidae): <i>Vicia</i> sp. (vetch).....	France, Mad- eira Islands, Portugal, unknown.	5	-----	-----	Michigan, New York, Ohio, Pennsylvan- ia.
<i>Bruchus hamatus</i> Mill. (Bruchidae): <i>Vicia sativa</i> (vetch).....	Turkey.....	-----	-----	3	District of Columbia.
<i>Bruchus lentis</i> Froel. (Bruchidae): <i>Lens culinaris</i> (lentil).....	Italy, Turkey	5	-----	7	District of Columbia, New Jersey, New York.
<i>Bruchus luteicornis</i> Ill. (Bruchidae): <i>Vicia</i> sp. (vetch).....	Belgium, France, Italy, Switzerland.	23	-----	-----	Alabama, Louisiana, Maryland, New York, Texas.
<i>Bruchus rufipes</i> Hbst. (Bruchidae): Legume seed.....	Turkey.....	-----	-----	2	District of Columbia.
<i>Vicia</i> sp. (vetch).....	France, Tur- key.	1	-----	4	Alabama, Dis- trict of Col- umbia.
<i>Bruchus signaticornis</i> Gyll. (Bruchidae): <i>Lens culinaris</i> (lentil).....	Italy.....	7	-----	2	New Jersey, New York.
<i>Bruchus tristiculus</i> Fahr. (Bruchidae): <i>Lathyrus odoratus</i> (sweet pea).....	Turkey.....	-----	-----	1	District of Columbia, Texas.
<i>Vicia</i> sp. (vetch).....	Italy.....	-----	1	-----	-----
<i>Bruchus tristis</i> Boh. (Bruchidae): Bean.....	do.....	-----	-----	1	New York.
<i>Lathyrus sativus</i> (grass pea).....	Turkey.....	-----	-----	1	District of Columbia.
<i>Lathyrus</i> sp.....	Italy.....	3	-----	1	New Jersey, New York.
Legume seed.....	Turkey.....	-----	-----	1	District of Columbia.
<i>Vicia ervilia</i> (bitter vetch).....	do.....	-----	-----	1	Do.
<i>Vicia faba</i> (broadbean).....	Italy.....	1	-----	-----	New York.
<i>Vicia</i> sp. (vetch).....	Netherlands..	1	-----	-----	Missouri.
<i>Bruchus ulicis</i> Muls. (Bruchidae): <i>Vicia ervilia</i> (bitter vetch).....	Turkey.....	-----	-----	2	District of Columbia.
<i>Vicia sativa</i> (vetch).....	do.....	-----	-----	1	Do.
<i>Callidium violaceum</i> (L.) (Ceramby- cidae): <i>Picea</i> sp. (spruce).....	Finland, Sweden.	3	-----	-----	New York.
<i>Pinus</i> sp. (pine).....	Finland, Germany, Sweden.	6	-----	-----	Louisiana, New York.
Wood.....	Norway.....	2	-----	-----	Oregon.
<i>Calligrapha argus</i> Stal (Chrysomelidae): Orchid.....	Mexico.....	-----	-----	1	Texas.
<i>Calligrapha elegantula</i> Jac. (Chrysomeli- dae): <i>Cattleya</i> sp. (orchid).....	Costa Rica.....	-----	-----	1	Florida.
<i>Callirhytis sonoreae</i> Weld (Cynipidae): <i>Quercus</i> sp. (oak).....	Mexico.....	21	-----	-----	Arizona.



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<i>Callosobruchus ademptus</i> (Sharp) (Bruchidae): <i>Pueraria thunbergiana</i> (kudzu-bean)	Japan			2	New Jersey, Washington.
<i>Callosobruchus analis</i> (F.) (Bruchidae): <i>Cicer arietinum</i> (chickpea)	India			1	District of Columbia.
<i>Phaseolus aureus</i> <i>Callosobruchus chinensis</i> (L.) (Bruchi- dae): Bean	do			1	Do.
	China, Italy, Philippines.	4			Hawaii, Illinois, New York.
<i>Cajanus cajan</i> (pigeonpea)	British Guiana, British West Indies, Jamaica, Philippines, Puerto Rico.	6		3	Florida, New Jersey, New York, Pennsylvan- ia.
<i>Cicer arietinum</i> (chickpea)	India, Italy, Puerto Rico.	5	2		Georgia, New York.
<i>Cordyline terminalis</i> (ti)	Hawaii	1			Hawaii.
<i>Dolichos biflorus</i> (twinflor dolichos)	India			3	District of Columbia.
<i>Glycine max</i> (soybean) "Gramme"	China, India			3	Do.
<i>Lathyrus</i> sp.	India		1		Georgia.
	do			1	District of Columbia.
Legume seed	Philippines			1	New Jersey.
Mixed grain	India		1		Georgia.
<i>Phaseolus aureus</i> (mung bean)	do			5	District of Columbia.
<i>Phaseolus vulgaris</i> (kidney bean)	do			2	Do.
<i>Phaseolus</i> sp.	India, Italy	1		2	District of Col- umbia, New York.
<i>Pisum</i> sp.	China			1	District of Columbia.
Seed	Philippines			2	Missouri.
<i>Vicia faba</i> (broadbean)	Italy	2			New York.
<i>Vigna sesquipedalis</i> (asparagus-bean)	Japan			1	Washington.
<i>Vigna sinensis</i> (cowpea)	India, Jamai- ca, Philip- pines.	2		3	District of Col- umbia, New Jersey, New York.
<i>Vigna</i> sp.	Italy	1			New York.
<i>Callosobruchus maculatus</i> (F.) (Bruchi- dae): Bean	Mexico, Nigeria, Norway, Turkey.		2	2	District of Columbia, Florida, Texas.
<i>Cajanus cajan</i> (pigeonpea)	Barbados, Jamaica, Venezuela.	3		1	New York.
<i>Cicer arietinum</i> (chickpea)	India, Turkey		2	1	District of Columbia, New York.
<i>Hibiscus esculentus</i> (okra)	Turkey			1	District of Columbia.
<i>Lathyrus</i> sp.	Greece			2	Texas.
Legume seed	Turkey			1	District of Columbia.
<i>Phaseolus aureus</i> (mung bean)	Mexico, Tur- key.	1		1	Arizona, Dis- trict of Col- umbia.
<i>Phaseolus lunatus macrocarpus</i> (lima bean)	Spain		1		Texas.
<i>Phaseolus vulgaris</i> (kidney bean)	Turkey			1	District of Columbia.
<i>Phaseolus</i> sp.	Italy	1			New York.
<i>Pisum sativum</i> (pea)	Norway, Trin- idad, un- known.	1	2		Oregon, Texas.



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<i>Callosobruchus maculatus</i> —Continued					
<i>Vigna sinensis</i> (cowpea)-----	Canal Zone,--- Nigeria, Turkey.	4	-----	3	District of Columbia, New York.
<i>Vigna</i> sp.-----	Egypt, Nigeria	2	-----		New Jersey, New York.
<i>Callosobruchus phaseoli</i> (Gyll.) (Bruchidae):					
<i>Dolichos lablab</i> (hyacinth-bean)-----	Hawaii, India, Jamaica.	2	-----	3	District of Columbia, Hawaii, New York.
<i>Dolichos</i> sp.	Jamaica-----	1	-----		New Jersey.
<i>Camirus conicus</i> (Germar) (Pentatomi- dae):					
<i>Chrysanthemum</i> sp.-----	Mexico-----	1	-----		Texas.
Orchid-----	do-----			1	Do.
<i>Caryedon fuscus</i> Goeze (Bruchidae):					
<i>Cassia javanica</i> (appleblossom senna)	Hawaii-----	1	-----		Hawaii.
<i>Cassia</i> sp.-----	do-----	1	-----		Do.
<i>Tamarindus indica</i> (tamarind)-----	India-----		2		Virginia.
<i>Cassida nebulosa</i> L. (Chrysomelidae):					
Woods moss around rose cutting-----	Germany-----			1	New Jersey.
<i>Catoplatus fabricii</i> Stal (Tingidae):					
Woods moss-----	France-----			1	Do.
<i>Caulophilus latinasus</i> Say (Curculioni- dae):					
<i>Persea americana</i> (avocado)-----	Mexico-----			1	Texas.
<i>Celerio lineata</i> (F.) (Sphingidae):					
<i>Portulaca oleracea</i> (purslane)-----	do-----	10	-----		Do.
<i>Zea mays</i> (corn)-----	do-----	1	-----		Do.
<i>Cephalocteus scarabaeoides</i> (F) (Pentato- midae):					
Soil around roots of citrus seedlings	Morocco-----			2	Virginia.
<i>Ceratitis capitata</i> (Wied.) (Tephritidae):					
<i>Carica papaya</i> (papaya)-----	Hawaii.	1	-----		Washington.
<i>Citrus paradisi</i> (grapefruit)-----	Cyprus,----- Egypt, Hawaii, Italy, Mor- occo, Union of South Af- rica, Uru- guay.	1	9	-----	Alabama, New York, Penn- sylvania, Texas.
<i>Citrus reticulata</i> (tangerine)-----	Italy,----- Portugal, Spain.	10	4	-----	Florida*, Massachu- setts, New York.
<i>Citrus sinensis</i> (orange)-----	Algeria,----- Azores, Brazil, Cyprus, Egypt, Italy, Portu- gal, Spain, Union of South Africa.	11	22	-----	Florida*, Louisiana, Maryland, Massachu- setts, New York, Penn- sylvania, Texas, Virginia.
<i>Coffea</i> sp. (coffee)-----	Brazil, Hawaii	5	-----		New York, Hawaii.
<i>Cydonia oblonga</i> (quince)-----	Italy-----	4	-----		New York.
<i>Diospyros</i> sp. (persimmon)-----	do-----	2	-----		Massachusetts, New York.
<i>Eriobotrya japonica</i> (loquat)-----	Azores, Italy	3	-----		Massachusetts, New York.
<i>Ficus carica</i> (fig)-----	Azores, Italy, unknown.	5	-----		Illinois, Massa- chusetts, New York.
<i>Lycopersicon esculentum</i> (tomato)---	Hawaii-----		1	-----	Mississippi.
<i>Malus sylvestris</i> (apple)-----	Azores, Italy, Spain.	4	1	-----	New York, Pennsylvan- ia, Puerto Rico.
<i>Mangifera indica</i> (mango)-----	Brazil-----	1	-----		Virginia.
<i>Mespilus germanica</i> (medlar)-----	Italy-----	1	-----		Massachusetts.
<i>Opuntia compressa</i> (pricklypear)-----	do-----	6	-----		New York.



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<i>Ceratitis capitata</i> —Continued					
<i>Passiflora edulis</i> (purple granadilla).....	Azores, Cape Verde Islands.	1	-----	-----	New York.
<i>Prunus armeniaca</i> (apricot).....	France.....	1	2	-----	Massachusetts New York.
<i>Prunus domestica</i> (plum).....	Greece.....	-----	1	-----	New York.
<i>Prunus persica</i> (peach).....	Algeria, France, Italy, Lebanon, Morocco, Portugal, Spain.	5	9	-----	Florida*, Illinois, New York, Pennsylvania, Texas.
<i>Psidium guajava</i> (guava).....	Palestine.....	1	-----	-----	New York.
<i>Punica granatum</i> (pomegranate).....	Italy.....	2	-----	-----	Do.
<i>Pyrus communis</i> (pear).....	Italy, Portugal, Spain, unknown.	5	5	-----	Illinois, Massachusetts, New York, Pennsylvania.
<i>Vitis</i> sp. (grape).....	Argentina, Madeira Islands, Portugal.	2	1	-----	Louisiana, Massachusetts, Pennsylvania.
With contraband containing oranges and <i>Citrus</i> sp.	Lebanon.....	1	-----	-----	New York.
<i>Ceratitis capitata</i> (Wied.) (?) (Tephritidae):					
<i>Citrus limon</i> (lemon).....	Italy.....	-----	1	-----	Pennsylvania.
<i>Citrus paradisi</i> (grapefruit).....	Cyprus (?), Morocco.	-----	3	-----	New York, Pennsylvania, Texas.
<i>Citrus sinensis</i> (orange).....	Brazil, Union of South Africa.	2	3	-----	New York, Texas.
<i>Prunus armeniaca</i> (apricot).....	Syria.....	1	-----	-----	New York.
<i>Prunus domestica</i> (plum).....	Portugal.....	1	-----	-----	Massachusetts.
<i>Prunus persica</i> (peach).....	Italy, Morocco.	-----	2	-----	South Carolina, Virginia.
<i>Psidium guajava</i> (guava).....	Madeira Islands.	1	-----	-----	Massachusetts.
<i>Pyrus communis</i> (pear).....	France.....	1	-----	-----	Virginia.
<i>Vitis</i> sp. (grape).....	Argentina.....	1	-----	-----	Louisiana.
<i>Ceroplastes ceriferus</i> (And.) (Coccidae):					
<i>Acer</i> sp. (maple).....	Japan.....	-----	-----	1	California*.
<i>Crataegus</i> sp.....	do.....	-----	-----	1	Do.
<i>Malus</i> sp.....	do.....	-----	-----	1	Do.
<i>Ceroplastes japonicus</i> Green (Coccidae):					
<i>Chaenomeles lagenaria</i> (Japanese quince)	do.....	-----	-----	1	Washington.
<i>Rhododendron</i> sp.....	do.....	-----	-----	1	Do.
<i>Ceroplastes rubens</i> Mask. (Coccidae):					
<i>Alyxia olivaeformis</i> (maile alyxia).....	Hawaii.....	1	-----	-----	California*.
<i>Anthurium</i> sp.....	do.....	2	-----	1	Do.
<i>Camellia japonica</i> (camellia).....	Japan.....	-----	-----	1	Florida.*
<i>Chaenomeles</i> sp.....	do.....	-----	-----	1	Washington.
<i>Zantedeschia</i> sp. (?).....	Hawaii.....	1	-----	-----	California.*
<i>Ceroplastes rusci</i> (L.) (Coccidae):					
<i>Ficus carica</i> (fig).....	Italy, Palestine.	-----	-----	2	New Jersey, New York.
<i>Chaetoclusia bakeri</i> Coq. (Clusiidae):					
Airplane.....	Nicaragua.....	-----	1	-----	Texas.
<i>Chaetocnema concinna</i> (Mshl.) (Chrysomelidae):					
<i>Rosa</i> sp.....	Germany.....	1	-----	-----	New York.
<i>Chaetocnema hortensis</i> (Fourc.) (Chrysomelidae):					
Sphagnum packing around lily-of-the-valley pips.	Denmark.....	-----	-----	1	Do.
<i>Chalcodermus dentiferus</i> Faust (Curculionidae):					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	1	-----	-----	Texas.



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<i>Chelymorphe biannularis</i> Boh. (Chrysomelidae): Bromeliad	do			1	Texas.
<i>Chilo simplex</i> (Btlr.) (Crambidae): <i>Oryza sativa</i> (rice)	China, Japan	13			California*, Louisiana, Massachusetts, New York, Pennsylvania, Texas, Washington.
<i>Chilo simplex</i> (Btlr.) (?) (Crambidae): <i>Leersia</i> sp.	Japan	3			Pennsylvania.
<i>Chionaspis asiatica</i> Arch. (Coccidae): <i>Prunus</i> sp. (plum)	Afghanistan			1	District of Columbia.
<i>Punica granatum</i> (pomegranate)	do			1	Do.
" <i>Chionaspis</i> " <i>exalbida</i> Ckll. (Coccidae): <i>Aloe claviflora</i>	Transvaal			1	California.*
<i>Haworthia</i> sp.	Southwest Africa.			2	District of Columbia.
Succulent	do			1	Do.
" <i>Chionaspis</i> " <i>humilis</i> Brain (Coccidae): <i>Aloe</i> sp.	Union of South Africa.			1	California.*
" <i>Chionaspis</i> " <i>indigoferae</i> (Hall) (Coccidae): Cotyledon	do			1	Do.
<i>Crassula congesta</i>	do			1	Do.
<i>Heurnia hystrix</i>	do			1	Do.
Shrub	do			1	Do.
<i>Stapelia namaquensis</i>	do			1	Do.
" <i>Chionaspis</i> " <i>leucadendri</i> Brain (Coccidae): <i>Leucadendron</i> sp.	do	1			New Jersey.
<i>Chirothrips manicatus</i> Hal. (Thripidae): <i>Danthonia glauca</i>	Pretoria			1	District of Columbia.
<i>Chrysoclista atra</i> (Haw.) (Cosmopterygidae): <i>Malus sylvestris</i> (apple)	Sweden		1		New York.
<i>Chrysomela americana</i> L. (Chrysomelidae): <i>Rosmarinus</i> sp. (rosemary)	Italy		1		Louisiana.
<i>Chrysomphalus albopictus</i> (Ckll.) (Coccidae): <i>Cocos nucifera</i> (coconut)	Mexico	1			California.*
<i>Musa paradisiaca sapientum</i> (banana)	Costa Rica	1			Do.
<i>Persea americana</i> (avocado)	Mexico	2			Texas.
<i>Philodendron</i> sp.	Guatemala, Mexico.			2	California, Texas.
<i>Chrysomphalus nigropunctatus</i> (Ckll.) (Coccidae): <i>Laelia autumnalis</i> (orchid)	Costa Rica			1	Texas.
<i>Laelia majalis</i>	Mexico			1	Do.
<i>Laelia</i> sp.	do			1	Do.
<i>Chrysomphalus personatus</i> (Comst.) (Coccidae): <i>Citrus aurantifolia</i>	Costa Rica		1		California.*
<i>Citrus sinensis</i> (orange)	Brazil		1		Do.
<i>Cocos nucifera</i> (coconut)	Costa Rica		1		Do.
<i>Persea americana</i> (avocado)	Mexico	1			Texas.
<i>Chrysomphalus scutiformis</i> (Ckll.) (Coccidae): <i>Gardenia augusta</i> (gardenia)	Mexico	1			California.*
<i>Musa paradisiaca sapientum</i> (banana)	Costa Rica	2			Do.
<i>Tamarindus indica</i> (tamarind)	Mexico	1			Arizona.
<i>Chrysomphalus tenax</i> (McKenzie) (Coccidae): <i>Cattleya</i> sp. (orchid)	Guatemala			1	California.*
<i>Monstera</i> sp.	do			2	California*, New Jersey.
<i>Philodendron</i> sp.	do			11	California.*



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<i>Chrysomphalus umboniferus</i> (Newst.) (Coccidae):					
<i>Anthurium</i> sp.-----	Canal Zone-----			1	Florida.
<i>Musa paradisiaca sapientum</i> (banana)-----	Costa Rica-----	1			California.*
<i>Oncidium panamense</i> (orchid)-----	Canal Zone-----			2	Florida, New Jersey.
Orchid-----	Mexico-----			1	Texas.
<i>Clerada apicornis</i> Signoret (Lygaeidae):					
<i>Ananas</i> sp.-----	Colombia-----			1	District of Columbia.
<i>Macadamia</i> sp.-----	Hawaii-----	1			Hawaii.
<i>Cligenes delineata</i> (Dist.) (Lygaeidae):					
Orchid-----	Guatemala-----			1	New Jersey.
<i>Coccotrypes carpophagus</i> (Horn.) (Scolytidae):					
<i>Annona muricata</i> (soursop)-----	Trinidad-----			1	Oregon.
<i>Coccotrypes dactyliperda</i> (F.) (Scolytidae):					
<i>Phoenix dactylifera</i> (date)-----	India, Tunisia, Turkey.	1	1	1	District of Columbia, New York.
<i>Phytelephas</i> sp. (ivory palm)-----	Panama-----	1			New York.
<i>Sabal umbraculifera</i> -----	Trinidad-----	1		1	New Jersey, Pennsylvania.
<i>Coccotrypes pygmaeus</i> Eichh. (Scolytidae):					
Tree seed-----	Brazil-----			1	Florida.
<i>Coccus capparadis</i> (Green) (Coccidae):					
<i>Cypripedium villosum</i> (orchid)-----	India-----			1	New Jersey.
<i>Cypripedium</i> sp.-----	do-----			1	Do.
<i>Coccus pseudothesperidum</i> (Ckll.) (Coccidae):					
<i>Cattleya</i> sp. (orchid)-----	Guatemala-----			1	Texas.
<i>Coccus viridis</i> (Green) (Coccidae):					
<i>Bryophyllum</i> sp.-----	Hawaii-----			1	California.*
<i>Citrus aurantifolia</i> (sour lime)-----	Trinidad-----	1			Florida.*
<i>Citrus tankan</i> -----	China-----			1	District of Columbia.
<i>Gardenia augusta</i> (gardenia)-----	Bahamas, Cuba, Hawaii, Panama, Venezuela.	12			California,* Florida*, New York.
<i>Jasminum</i> sp.-----	Hawaii-----			1	California*.
Plant leaf-----	Trinidad-----			1	Florida.
<i>Psidium guajava</i> (guava)-----	Puerto Rico-----	1			New York.
<i>Coelosternus consputus</i> Boh. (Curculionidae):					
Log-----	Mexico-----	1			California.*
Orchid-----	do-----			1	Arizona.
<i>Conchaspis angraeci</i> Ckll. (Coccidae):					
Branch-----	do-----	1			Texas.
<i>Laelia anceps</i> (orchid)-----	do-----			1	Do.
Orchid-----	Cuba, Venezuela.			2	Florida.
<i>Peristeria elata</i> (orchid)-----	Canal Zone-----			1	Texas.
<i>Conotrachelus aguacatae</i> Barber (Curculionidae):					
<i>Persea americana</i> (avocado)-----	Mexico-----	206			Do.
<i>Conotrachelus integer</i> Csy. (Curculionidae):					
<i>Quercus</i> sp. (oak)-----	do-----	2			Do.
<i>Conotrachelus perseae</i> Barber (Curculionidae):					
<i>Persea americana</i> (avocado)-----	Costa Rica, Guatemala, Honduras, Mexico.	5	3		Louisiana, Texas.
<i>Coptosoma cribraria</i> (F.) (Pentatomidae):					
<i>Camellia</i> sp.-----	China-----			1	California.*
<i>Cosmopolites sordidus</i> (Germ.) (Curculionidae):					
<i>Musa paradisiaca sapientum</i> (banana)-----	Honduras-----			3	Louisiana.



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<i>Crociosema plebiana</i> Zell. (Olethreuti- dae): <i>Hibiscus esculentus</i> (okra).....	Cuba, Puerto Rico.	4	-----	-----	Florida,* Louisiana, Virginia.
<i>Crophius scabrosus</i> Uhler (Lygaeidae): <i>Agave</i> sp. ....	Mexico.....	-----	-----	1	Arizona.
Orchid.....	do.....	-----	-----	1	Do.
<i>Cryphula apicatus</i> (Dist.) (Lygaeidae): Orchid.....	do.....	-----	-----	2	Texas.
<i>Cryptoblabes gnidiella</i> (Mill.) (Phyciti- dae): <i>Citrus sinensis</i> (orange).....	Egypt.....	-----	1	-----	Pennsylvania.
<i>Punica granatum</i> (pomegranate).....	Greece, Italy, Lebanon, Turkey.	11	-----	-----	Maryland, Massachu- setts, New York.
<i>Vitis</i> sp. (grape).....	Madeira Is- lands.	1	-----	-----	Pennsylvania.
<i>Cryptocephalus krugii</i> Weise (Chryso- melidae): <i>Rosa</i> sp. (rose).....	Dominican Republic.	1	-----	-----	Puerto Rico.
<i>Cryptocephalus nigrocinctus</i> Suffr. (Chry- somelidae): <i>Cajanus cajan</i> (pigeonpea).....	Puerto Rico.....	1	-----	-----	New York.
<i>Cryptoparlatoria leucaspis</i> Ldgr. (Cocci- dae): <i>Juniperus</i> sp. (juniper).....	Japan.....	-----	-----	1	Washington.
<i>Cryptorhynchus mangiferae</i> (F.) (Curcu- lionidae): <i>Mangifera indica</i> (mango).....	Hawaii, India	23	2	1	California*, Hawaii, New York.
<i>Persea americana</i> (avocado).....	Hawaii.....	-----	-----	1	California.*
<i>Cryptotermes brevis</i> (Wlk.) (Kalotermi- tidae): Wood.....	Hawaii, Hon- duras.	2	-----	-----	Hawaii, Louisiana.
<i>Ctenicera aeneus</i> (L.) (Elateridae): Sod used as ballast.....	Belgium.....	-----	1	-----	New York.
<i>Curculio q-griseae</i> Chttn. (Curculioni- dae): <i>Quercus</i> sp. (oak).....	Mexico.....	8	-----	-----	Arizona, Texas.
<i>Cylas formoralis</i> Faust (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato).....	Sierra Leone, West Africa.	1	1	-----	Massachu- setts, New York.
<i>Cylas formicarius</i> F. (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato).....	India.....	-----	1	-----	New York.
<i>Cylas formicarius elegantulus</i> (Summers) (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato).....	American Vir- gin Islands, Cuba, Dom- inican Re- public, Mex- ico, Puerto Rico, Virgin Islands.	50	7	-----	Florida*, Louisiana, New York, Pennsylvan- ia, Texas.
<i>Cylas formicarius</i> (F.) var. (Curculioni- dae): <i>Ipomoea batatas</i> (sweetpotato).....	Fiji, Hawaii, India, Iraq, Siam.	1	6	1	District of Col- umbia, New York, Penn- sylvania.
<i>Cylas puncticollis</i> Boh. (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato).....	Mozambique, Sierra Leone, West Africa.	1	4	-----	Massachusetts, New York, Virginia.
<i>Cyrtopeltis varians</i> (Dist.) (Miridae): <i>Raphanus sativus</i> (radish).....	Mexico.....	1	-----	-----	Texas.
<i>Dactylotrypes uytenboogaarti</i> Eggers (Scolytidae): <i>Schefflera delavayi</i> .....	France.....	-----	-----	1	New Jersey.



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<i>Dacus cucurbitae</i> (Coq.) (Tephritidae): <i>Cucumis sativus</i> (cucumber)-----	Hawaii, Straits Set- tlements.	-----	4	-----	California*.
<i>Cucurbita maxima</i> (squash)-----	Hawaii	-----	1	-----	Do.
<i>Lycopersicon esculentum</i> (tomato)-----	do-----	1	12	-----	California*, Louisiana, Mississippi, Oregon, Texas, Washington.
<i>Dacus cucurbitae</i> (Coq.) (?) Tephritidae): <i>Cucumis sativus</i> (cucumber)-----	do-----	-----	1	-----	California.*
<i>Cucurbita</i> sp. (squash)-----	do-----	-----	1	-----	Do.
<i>Lycopersicon esculentum</i> (tomato)-----	do-----	-----	2	-----	California*, Texas
<i>Phaseolus vulgaris</i> var. (string bean)-----	do-----	-----	1	-----	California.*
<i>Dacus dorsalis</i> Hend. (Tephritidae): Airplane-----	do-----	-----	31	-----	Hawaii.
<i>Carica papaya</i> (papaya)-----	do-----	1	-----	-----	Do.
<i>Cocos nucifera</i> (coconut)-----	do-----	1	-----	-----	Do.
<i>Coffea</i> sp. (coffee)-----	do-----	1	-----	-----	Do.
<i>Diospyros kaki</i> (Japanese persimmon)-----	do-----	1	-----	-----	Do.
<i>Garcinia rubra</i> -----	do-----	1	-----	-----	Do.
<i>Heliconia</i> sp.-----	do-----	1	-----	-----	Do.
<i>Litchi chinensis</i> (lychee)-----	do-----	2	-----	-----	California*, Hawaii.
<i>Lycopersicon esculentum</i> (tomato)-----	do-----	-----	1	-----	California*.
<i>Mangifera indica</i> (mango)-----	Hawaii, India.	3	-----	-----	California*, Hawaii, New York.
<i>Musa paradisiaca sapientum</i> ----- (banana)	Hawaii-----	3	5	-----	California.*
<i>Persea americana</i> (avocado)-----	do-----	2	-----	-----	Hawaii.
<i>Psidium guajava</i> (guava)-----	do-----	5	-----	-----	California*, Hawaii.
<i>Solanum aculeatissimum</i> (soda-apple nightshade)-----	do-----	1	-----	-----	Hawaii.
<i>Spondias cytherea</i> (vi-apple)-----	do-----	1	-----	-----	Do.
<i>Terminalia catappa</i> (tropical almond)-----	do-----	1	-----	-----	Do.
<i>Zingiber</i> sp. (ginger)-----	do-----	1	-----	-----	Do.
<i>Dacus dorsalis</i> Hend. (?) (Tephritidae): <i>Cocos nucifera</i> (coconut)-----	do-----	1	-----	-----	Do.
<i>Ficus carica</i> (fig)-----	do-----	1	-----	-----	California.*
<i>Lycopersicon esculentum</i> (tomato)-----	do-----	-----	1	-----	Do.
<i>Ochrosia</i> sp.-----	Guam-----	1	-----	-----	Hawaii.
<i>Dacus oleae</i> (Gmel.) (Tephritidae): <i>Olea europaea</i> (olive)-----	Azores, Italy, Lebanon, Portugal, unknown.	18	2	-----	Massachusetts, New York, Pennsylvan- ia, Texas.
<i>Dalopius marginatus</i> (L.) (Elateridae): <i>Calluna vulgaris</i> (heather)-----	Scotland-----	-----	-----	1	Washington.
<i>Rhododendron</i> sp.-----	Belgium-----	-----	-----	1	New Jersey.
Soil around plants-----	Belgium, Eng- land.	-----	-----	5	New Jersey, Washington.
<i>Deloyala guttata</i> (Oliv.) (Chrysomelidae): Orchid-----	Mexico-----	-----	-----	1	Texas.
<i>Dendrobiella sericans</i> Lec. (Bostrichidae): <i>Acacia farnesiana</i> -----	do-----	1	-----	-----	Do.
<i>Deraeocoris lutescens</i> (Schill.) (Miridae): Soil and woods moss-----	France-----	-----	-----	1	New Jersey.
<i>Dercynus micronyx</i> Champ. (Curculioni- dae): <i>Brownea grandiflora</i> -----	Trinidad-----	-----	-----	1	New York.
<i>Diabrotica speciosa</i> (Germ.) (Chryso- melidae): <i>Brassica oleracea capitata</i> (cabbage)-----	Brazil-----	-----	1	-----	Texas.
<i>Dialeurodes chittendeni</i> Laing (Aleyro- didae): <i>Rhododendron</i> sp.-----	British Col- umbia.	-----	-----	1	Washington.
<i>Dialeurodes citri</i> (Ashm.) (Aleyrodidae): <i>Citrus</i> sp.-----	Mexico-----	1	-----	-----	Texas.
<i>Gardenia augusta</i> (gardenia)-----	do-----	-----	-----	1	Do.
<i>Gardenia</i> sp.-----	China-----	-----	-----	1	California*.



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<i>Dialeurodes kirkaldyi</i> (Kot.) (Aleyrodidae):					
<i>Jasminum sambac</i> (Arabian jasmine)	Hawaii			1	California.
<i>Jasminum</i> sp.	China, Hawaii, Syria.			3	California*, New York.
<i>Syringa</i> sp.	China			1	California*.
<i>Diaphania hyalinata</i> (L.) (Pyraustidae):					
<i>Cucumis sativus</i> (cucumber)	Cuba		1		Louisiana.
<i>Cucurbita maxima</i> (squash)	Mexico	6			Texas.
<i>Cucurbita pepo</i> (pumpkin)	do	4			Do.
Herb	Puerto Rico	1			New York.
<i>Diaphania nitidalis</i> (Stoll) (Pyraustidae):					
<i>Cucumis melo</i> (cantaloupe)	Cuba, Mexico	2	1		New York, Texas.
<i>Cucumis sativus</i> (cucumber)	Argentina, Brazil, Colombia, Cuba, Mexico, Trinidad, Venezuela.	2	11		Alabama, Louisiana, New York, Texas, Virginia.
<i>Cucurbita maxima</i> (squash)	Mexico	20			Arizona, Texas.
<i>Cucurbita pepo</i> (pumpkin)	do	5			Texas.
<i>Sechium edule</i> (chayote)	Dominican Republic, Puerto Rico.	5	1		Florida*, New York.
<i>Diaprepes abbreviatus</i> (L.) (Curculionidae):					
Airplane	Unknown		1		New York.
<i>Diaprepes famelicus</i> (Ol.) (Curculionidae):					
<i>Zinnia</i> sp.	Bermuda		1		Do.
<i>Diatraea saccharalis</i> (F.) (Crambidae):					
<i>Saccharum officinarum</i> (sugarcane)	Mexico, Puerto Rico.	2			New York, Texas.
<i>Sorghum vulgare technicum</i> broom-corn)	Argentina	3			Louisiana, New York.
<i>Zea mays</i> (corn)	Puerto Rico	2			Florida*, New York.
<i>Dicrepidius corvinus</i> Cand. (Elateridae):					
<i>Portulaca oleracea</i> (purslane)	Mexico	1			Texas.
<i>Dinoderus bifoveolatus</i> (Woll.) (Bostrichidae):					
<i>Lonchocarpus</i> sp. (cube root)	Brazil	1			New York.
<i>Serjania mexicana</i> (barbasco)	Brazil, Chile	3			Do.
<i>Dinoderus brevis</i> (Horn) (Bostrichidae):					
Bamboo	India (?)	2			Louisiana.
Wood	India	1			New York.
<i>Diocalandra taitensis</i> Guer. (Curculionidae):					
<i>Cocos nucifera</i> (coconut)	Hawaii	1			Hawaii.
<i>Diorymerellus laevimargo</i> Champ. (Curculionidae):					
<i>Laelia</i> sp. (orchid)	Mexico			1	Texas.
Orchid	do			7	Do.
<i>Doratifera oxleyi</i> Newm. (Limacodidae):					
<i>Brachychiton acerifolius</i> (Victorian bottle-tree).	Australia			1	Hawaii.
<i>Draeculacephala clypeata</i> Osb. (Cicadellidae):					
Log	Costa Rica	1			South Caro- lina.
<i>Drymus sylvaticus</i> (F.) (Lygaeidae):					
Woods moss around rose roots	Ireland			1	New Jersey.
<i>Dryophthorus corticalis</i> (Payk.) (Curculionidae):					
<i>Populus</i> sp.	Italy	1			New York.
<i>Dysdercus mimulus</i> Hussey (Pyrrhocoridae):					
<i>Capsicum frutescens</i> (pepper)	Mexico	2			Texas.
<i>Lycopersicon esculentum</i> (tomato)	do	6			Do.
<i>Dysides obscurus</i> Perty (Bostrichidae):					
Wood	Brazil	1			New York.



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<i>Ensina hyalipennis</i> Bezzi (Tephritidae): <i>Tripteris pachypteris</i> -----	Union of South Africa.	-----	-----	1	District of Columbia.
<i>Ensina ignobilis</i> (Loew) (Tephritidae): <i>Tripteris pachypteris</i> -----	do-----	-----	-----	1	Do.
<i>Epicaerus cognatus</i> Sharp (Curculioni- dae): <i>Solanum tuberosum</i> (potato)-----	Mexico-----	1	3	1	Louisiana, District of Columbia, Texas.
<i>Epidiaspis piricola</i> (Del Guer.) (Cocci- dae): <i>Malus sylvestris</i> (apple)-----	France, Italy.	1	-----	4	District of Columbia, New York.
<i>Prunus domestica</i> (plum)----- <i>Pyrus</i> sp.-----	Chile----- Italy-----	1	-----	1	New York District of Columbia.
<i>Epilachna varivestris</i> Muls. (Coccinelli- dae): Bromeliad-----	Mexico-----	-----	-----	1	Texas.
<i>Epinotia opposita</i> Hein. (Olethreutidae): <i>Phaseolus vulgaris</i> var. (string bean)	Brazil, Mex- ico, Peru.	10	5	-----	Louisiana, Texas.
<i>Ereunetis flavistriata</i> Wlsm. (Tineldae): <i>Cocos nucifera</i> (coconut)-----	Hawaii-----	1	1	-----	California, Washington.
<i>Ernoporustiliae</i> (Panz.) (Scolytidae): <i>Tilia</i> sp.-----	France-----	1	-----	-----	New York.
<i>Eucalandra setulosa</i> Gyll. (Curculioni- dae): <i>Lycopersicon esculentum</i> (tomato)---	Mexico-----	1	-----	-----	Texas.
<i>Eucalymnatus tessellatus</i> (Sign.) (Cocci- dae): <i>Alyxia olivaeformis</i> (maile alyxia)---	Hawaii----- Mexico-----	1 2	-----	-----	California.* Texas.
<i>Gardenia augusta</i> (gardenia)----- <i>Euleia heraclei</i> (L.) (Tephritidae): <i>Apium graveolens</i> (celery)-----	England-----	-----	1	-----	Do.
<i>Eumysia stigmella</i> (Dyar) (Phycitidae): <i>Echeveria</i> sp.-----	Mexico-----	-----	-----	2	California.*
<i>Eurydema ornatum</i> (L.) (Pentatomidae): <i>Brassica oleracea capitata</i> (cabbage)---	Italy-----	-----	1	-----	New York.
<i>Eurytoma onobrychidis</i> Nikolsky (Eury- tomidae): <i>Onobrychis viciaefolia</i> -----	Turkey-----	-----	-----	1	District of Columbia.
<i>Eurytoma orchidearum</i> (Westw.) (Eury- tomidae): <i>Cattleya gigas</i> (orchid)----- <i>Cattleya mossiae</i> ----- <i>Cattleya trianae</i> ----- <i>Cattleya</i> sp.-----	Colombia----- Venezuela----- Colombia----- Brazil, Colom- bia, Trini- dad, Venez- uela.	----- ----- ----- -----	----- ----- ----- -----	2 1 1 36	Florida. Do. Do. Florida, New Jersey.
Orchid----- <i>Euscapes postfasciatus</i> Fairm. (Curcul- ionidae): <i>Ipomoea batatas</i> (sweetpotato)-----	Brazil----- American Vir- gin Islands, Brazil, Col- ombia, Fiji Islands, Ha- wail, Puerto Rico, Trini- dad, Virgin Islands.	----- 20	----- 12	----- 2	----- California*, District of Columbia, Hawaii, Louisiana, New York, Texas.
<i>Eutornus congener</i> Woll. (Curculioni- dae): Orchid-----	India-----	-----	-----	1	California.*
<i>Eutreta xanthochaeta</i> Aldr. (Tephritidae): <i>Vanda</i> sp. (orchid)-----	Hawaii-----	1	-----	-----	Hawaii.
<i>Euxesta annonae</i> F. (Otitidae): <i>Lycopersicon esculentum</i> (tomato)---	Mexico-----	1	-----	-----	Texas.
<i>Euxesta stigmatias</i> Loew (Otitidae): <i>Zea mays</i> (corn)-----	Guatemala----	1	-----	-----	New York.

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<i>Evergestis forficalis</i> (L.) (Pyraustidae): <i>Brassica oleracea capitata</i> (cabbage)	England, Italy, Nether- lands.		3		New York Virginia.
<i>Evergestis rimosalis</i> (Gn.) (Pyraustidae): <i>Brassica oleracea capitata</i> (cabbage) <i>Rorippa nasturtium-aquaticum</i> (watercress)	Mexico do	1	1		Texas. Do.
<i>Exillis longicornis</i> Pasc. (Anthribidae): Vine	Philippines	1			Washington
<i>Exosoma lusitanica</i> L. (Chrysomelidae): <i>Muscari comosum</i> (cipollino)	Morocco	1			New York
<i>Exptochiomera oblonga</i> (Stal) (Lygaei- dae): <i>Lycopersicon esculentum</i> (tomato) Orchid	Mexico do	1		2	Arizona. Arizona, Texas.
<i>Exptochiomera tumens</i> (Stal) (Lygaei- dae): Orchid	do			2	Texas.
<i>Ferrisiana virgata</i> (Ckll.) (Coccidae): <i>Catasetum viridiflavum</i> (orchid) <i>Cocos nucifera</i> (coconut) <i>Codiaeum variegatum</i> (croton)	Canal Zone Guam Bahamas, Philippines.	1	1	1	New Jersey. California*. California*. New York.
<i>Elettaria speciosa</i> <i>Epidendrum</i> sp. (orchid) <i>Gardenia augusta</i> (gardenia) <i>Laelia superbiens</i> (orchid) <i>Lycaste candida</i> (orchid) <i>Mammillaria</i> sp. (cactus) <i>Monstera</i> sp. Orchid	Hawaii Guatemala Siam Costa Rica Canal Zone Mexico Guatemala Bintan Island, Costa Rica.	1	1	1 1 1 1 2	California*. Do. Hawaii. California*. New Jersey. California*. New Jersey. California*.
<i>Peristeria elata</i> (orchid) <i>Phalaenopsis</i> sp. (orchid) Seed pod <i>Spathoglottis plicata</i> (orchid) <i>Strelitzia</i> sp.	Canal Zone Philippines do Siam Hawaii			1 1 1 1	New Jersey. California*. Do. Do. Do.
<i>Forficula auricularia</i> L. (Forficulidae): Baggage Bulb case Cloth <i>Colchicum</i> sp. <i>Crocus</i> sp. <i>Cymbidium</i> sp. (orchid) Excelsior packing <i>Hydrangea</i> sp. and <i>Dianthus</i> sp. cuttings. <i>Iris</i> sp. <i>Narcissus</i> sp. Plant <i>Punica granatum</i> (pomegranate) Soil ballast <i>Tulipa</i> sp. (tulip)	Ireland Netherlands England Netherlands do England Italy, Nether- lands. England Netherlands do Scotland Netherlands	1 1 1 1 1 1 1 1 1 1 2 1			Illinois. New York. Maryland. New Jersey. New York. New Jersey. Missouri, New York. Massachusetts New Jersey. New York. Massachusetts New York. Alabama. New York, Pennsylvan- ia.
<i>Frankliniella bratleyi</i> Wats. (Thripidae): <i>Polianthes tuberosa</i> (tuberose) <i>Frankliniella insularis</i> (Frankl.) (Thri- pidae): <i>Antirrhinum majus</i> (snapdragon) <i>Rosa</i> sp. (rose)	Palestine Haiti Dominican Republic.			2	New Jersey. Puerto Rico. Do.
<i>Fulvius albomaculatus</i> Dist. (Miridae): Packing material with bromeliads <i>Fulvius anthorcorides</i> Stal (Miridae): Orchid	Venezuela Mexico			1 1	New Jersey. Texas.
<i>Fundella pellucens</i> (Zell.) (Phycitidae): <i>Cajanus cajan</i> (pigeonpea) <i>Phaseolus vulgaris</i> var. (string bean) <i>Furcaspis biformis</i> (Ckll.) (Coccidae): <i>Brassavola nodosa</i> (orchid)	Pucrto Rico do Canal Zone	1 1		2	Florida* Massachusetts Florida, Texas.



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<i>Furcaspis biformis</i> —Continued					
<i>Cattleya</i> sp. (orchid).....	Brazil, Canal Zone, Colombia, Costa Rica, Dutch Guiana, Hawaii, Siam, Venezuela.			17	California*, Florida, Guam, Hawaii, New Jersey, Texas.
<i>Epidendrum atropurpureum</i> (orchid)	Canal Zone.....			8	California*, Florida, Hawaii, New Jersey, Texas, Washington.
<i>Epidendrum</i> sp.....	do.....			3	Florida, Wash- ington.
<i>Odontoglossum schlieperianum</i> (orchid).....	Costa Rica.....			1	California.*
<i>Oncidium confusum</i> (orchid).....	Canal Zone.....			1	Texas.
<i>Oncidium lanceanum</i> .....	Trinidad.....			1	Do.
<i>Oncidium multiflorum</i> .....	Straits Settle- ments.			1	New Jersey.
<i>Oncidium panamense</i> .....	Canal Zone.....			1	Florida.
<i>Oncidium</i> sp.....	Canal Zone, Guatemala, Siam.			3	California*, Washington.
Orchid.....	British Gui- ana, Canal Zone, Hawaii, Siam, Venezuela.			9	California*, Florida, Puerto Rico, Texas, Virginia.
<i>Furcaspis oceanica</i> Ldgr. (Coccidae):					
<i>Musa paradisiaca sapientum</i> (banana).....	Truk.....	1			Hawaii.
<i>Gastrodes pacificus</i> (Prov.) (Lygaeidae):					
<i>Cedrus</i> sp. (cedar).....	Canada.....	1			New York.
<i>Gastrophysa viridula</i> (Deg.) (Chrysomelidae):					
Soil with potatoes.....	England.....			1	Do.
<i>Gelechia ericetella</i> (Hbn.) (Gelechiidae):					
<i>Calluna vulgaris</i> (heather).....	Denmark.....	1			Do.
<i>Genopaschia protomis</i> Dyar (Galleriidae):					
<i>Ananas comosus</i> (pineapple).....	Jamaica.....		1		Alabama.
<i>Gerstaeckeria mutillaria</i> (Gerst.) (Curculionidae):					
<i>Coryphantha</i> sp. (cactus).....	Mexico.....			1	Texas.
<i>Mammillaria</i> sp. (cactus).....	do.....			3	California*, Texas.
<i>Glyphonyx praecox</i> Er. (Elateridae):					
<i>Laelia anceps</i> (orchid).....	do.....			1	Texas.
<i>Glyphonyx quadricollis</i> Champ. (Elateridae):					
<i>Brassica</i> sp. (mustard).....	do.....	1			Do.
<i>Gnorimoschema gudmannella</i> (Wlsm.) (Gelechiidae):					
<i>Capsicum frutescens</i> (pepper).....	Dutch Gulana, Mexico.	2	1		Arizona; Louisiana.
<i>Gnorimoschema lavernella</i> (Chamb.) (Gelechiidae):					
<i>Physalis</i> sp. (husk tomato).....	Mexico.....	5			Texas.
<i>Gnorimoschema plaesiosema</i> (Turner) (Gelechiidae):					
<i>Solanum tuberosum</i> (potato).....	Peru.....		1		Do.
<i>Gortyna flavago</i> (Schiff.) (Phalaenidae):					
<i>Cynara scolymus</i> (globe artichoke).....	Tunisia.....		1		Pennsylvania.
<i>Gracilaria azaleella</i> Brants (Gracilariidae):					
<i>Rhododendron</i> sp.....	Japan, Nether- lands.			25	New Jersey, Washington.
<i>Grapholitha molesta</i> (Busck) (Olethreutidae):					
<i>Malus sylvestris</i> (apple).....	Argentina.....		1		Pennsylvania.
<i>Prunus persica</i> (peach).....	France, Italy..	2	1		Massachu- setts, New York.

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<i>Grapholitha molesta</i> —Continued <i>Pyrus communis</i> (pear)-----	Italy, Mexico-----	2	-----	-----	New York. Texas.
<i>Grapholitha packardi</i> Zell. (Olethreu- tidae): <i>Crataegus</i> sp. (thornapple)-----	Mexico-----	2	-----	-----	Texas.
<i>Graptostethus servus</i> (F.) (Lygaeidae): <i>Ipomoea tuberosa</i> (woods rose)-----	Hawaii-----	2	-----	-----	Hawaii.
<i>Gymnandrosoma aurantianum</i> DaCosta Lima (Olethreutidae): <i>Citrus sinensis</i> (orange)-----	Brazil-----	-----	2	-----	Massachu- setts, New York.
<i>Gynaikothrips ficorum</i> (Marchal) (Phlaeothripidae): <i>Ficus retusa</i> (Indian laurel fig)-----	Mexico-----	-----	-----	1	Texas.
<i>Haplothrips cottei</i> (Vuillet) (Phlaeothri- pidae): <i>Dianthus</i> sp. (carnation)-----	Egypt, Eur- ope, Greece, Portugal, unknown.	2	4	1	Illinois, Mass- achusetts, New Jersey, New York.
<i>Haplothrips gowdeyi</i> (Frankl.) (Phlaeo- thripidae): <i>Bougainvillea</i> sp.-----	Hawaii-----	1	-----	-----	California.*
<i>Bryophyllum</i> sp.-----	Puerto Rico-----	-----	-----	1	New York.
<i>Canavalia</i> sp.-----	Hawaii-----	5	-----	-----	California.*
<i>Dianthus</i> sp. (carnation)-----	do-----	2	-----	-----	Do.
<i>Limonium</i> sp.-----	do-----	1	-----	-----	Do.
<i>Mesembryanthemum</i> sp.-----	do-----	1	-----	-----	Hawaii.
<i>Plumeria</i> sp.-----	do-----	1	-----	-----	California.*
<i>Tagetes</i> sp.-----	do-----	1	-----	-----	Do.
<i>Haplothrips nigricornis</i> Bagn. (Phlaeo- thripidae): <i>Ornithogalum thyrsoides</i> -----	Union of South Africa.	1	-----	-----	New York.
(chinkerichee) <i>Hellula phidilealis</i> (Wlk.) (Pyraustidae): <i>Brassica oleracea capitata</i> (cabbage)-----	Panama, Trin- idad.	-----	3	-----	Alabama, New York.
<i>Brassica rapa</i> (turnip)-----	Cuba-----	-----	1	-----	Texas.
<i>Hemimene juliana</i> (Curt.) (Olethreuti- dae): <i>Castanea</i> sp. (chestnut)-----	Italy-----	1	-----	-----	New York.
<i>Hercothrips phaseoli</i> Hood (Thripidae): <i>Phaseolus lunatus macrocarpus</i> (lima bean)	Cuba-----	1	-----	-----	Do.
<i>Heterobostrychus aequalis</i> (Waterh.) (Bostrichidae): Bamboo-----	India-----	1	-----	-----	Texas.
Wood-----	Ceylon, India	2	-----	-----	New York.
<i>Heteroderes laurentii</i> (Guer.) (Elateri- dae): <i>Solanum melongena</i> (eggplant)-----	Cuba-----	1	-----	-----	Do.
<i>Heteroglymma alata</i> Heller (Curculioni- dae): <i>Vanda</i> sp. (orchid)-----	Philippines-----	-----	-----	1	Hawaii.
<i>Homothrips distinctus</i> Bagn. (Thripidae): <i>Erica</i> sp.-----	Union of South Africa.	1	-----	-----	New Jersey.
<i>Protea</i> sp.-----	do-----	2	-----	-----	New Jersey, New York.
<i>Horistonotus dilaticornis</i> Champ. (Elater- idae): <i>Ananas comosus</i> (pineapple)-----	Mexico-----	1	-----	-----	Texas.
<i>Horistonotus rufiventris</i> Cand. (Elateri- dae): <i>Ananas comosus</i> (pineapple)-----	do-----	1	-----	-----	Do.
<i>Hydrothassa marginella</i> (L.) (Chryso- melidae): Soil and moss packing for <i>Oxalis</i> sp. plants.	Ireland-----	-----	-----	1	New York.
<i>Hylurgops palliatus</i> (Gyll.) (Scolytidae): Bark—coniferous-----	Sweden-----	1	-----	-----	Pennsylvania.
<i>Picea</i> sp. (spruce)-----	do-----	6	-----	-----	New York.
<i>Pinus</i> sp. (pine)-----	Germany, Sweden.	4	-----	-----	Louisiana, New York.



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<i>Hypera nigrirostris</i> F. (Curculionidae): Woods moss around rose cutting	Germany			1	New Jersey.
<i>Hypolithus pectoralis</i> (Say) (Elateridae): <i>Ananas comosus</i> (pineapple)	Mexico	1			Texas.
<i>Icerya palmeri</i> Riley & Howard (Coccidae): Cactus	do			1	Arizona.
<i>Icerya similis</i> Morr. (Coccidae): <i>Laelia</i> sp. (orchid)	Salvador			1	Texas.
<i>Ips sexdentatus</i> (Boern.) (Scolytidae): <i>Pinus</i> sp. (pine)	Netherlands	1			Alabama.
Wooden strips around peat moss	do	1			Louisiana.
<i>Ips typographus</i> (L.) (Scolytidae): Bark—coniferus	Sweden	1			Pennsylvania.
<i>Picea</i> sp. (spruce)	Germany, Sweden.	2			New York.
<i>Pinus</i> sp. (pine)	Czechoslovakia, Germany, Hungary, Netherlands.	10			Alabama, Louisiana, New York.
<i>Iridomyrmex humilis</i> Mayr (Formicidae): <i>Dahlia</i> sp.	Portugal			1	New York.
<i>Dianthus</i> sp. (carnation)	do	1			Massachusetts.
<i>Dioscorea</i> sp. (yam)	Azores	1			New York.
Herbs, bulbs & cuttings	do			1	Massachusetts.
Leaves	Portugal			1	New Jersey.
<i>Passiflora</i> sp.	Madeira Islands.	1			Massachusetts.
<i>Phalaenopsis</i> sp. (orchid)	Philippines.			1	California.*
<i>Protea</i> sp.	Union of South Africa.	1			New York.
<i>Prunus domestica</i> (plum)	do	1			Do.
<i>Prunus persica nectarina</i> (nectarine)	Chile	1			Do.
Soil around plants	Italy			1	Do.
<i>Sorghum</i> sp. (?)	do	1			Do.
<i>Tilia</i> sp. (?)	Portugal	1			Pennsylvania.
<i>Vitis</i> sp. (grape)	France, Portugal, Union of South Africa.	3	1		New York.
<i>Jadera sanguinolenta</i> (F.) (Coreidae): Airplane	Mexico		1		Texas.
<i>Lycopersicon esculentum</i> (tomato)	do	1			Do.
<i>Kaloterme bequaerti</i> Snyder (Kalotermitidae): <i>Juniperus</i> sp. (juniper)	Bermuda	1			Massachusetts.
<i>Pinus</i> sp. (pine)	do	1			Do.
<i>Lampetia equestris</i> (F.) (Syrphidae): <i>Narcissus</i> sp.	Netherlands			1	California.*
<i>Lampides boeticus</i> (L.) (Lycaenidae): <i>Canavalia</i> sp.	Hawaii	9			California, Hawaii.
<i>Laspeyresia nigricana</i> (Steph.) (Olethreutidae): <i>Pisum sativum</i> (pea)	Portugal	1	2		New York, Texas.
<i>Laspeyresia splendana</i> (Hbn.) (Olethreutidae): <i>Castanea</i> sp. (chestnut)	England, France, Germany, Italy, Portugal, Spain, Switzerland, Yugoslavia.	64	2		Alabama, Illinois, Maryland, Massachusetts, Missouri, New Jersey, New York, Ohio, Texas, Washington.
<i>Lema confusa</i> Chev. (Chrysomelidae): <i>Selaginella lepidophylla</i> (resurrection plant)	Mexico			1	Texas.
<i>Lema melanopa</i> (L.) (Chrysomelidae): <i>Pinus</i> sp. (pine)	Denmark			1	New York.
<i>Lema opulenta</i> Genn. & Har. (Chrysomelidae): <i>Rosa</i> sp. (rose)	Mexico	1			Texas.



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<i>Leperisinus fraxini</i> (Panz.) (Scolytidae): <i>Fraxinus</i> sp. (ash)-----	England-----	10	-----	-----	Maryland, New York.
<i>Lepidosaphes carinata</i> (Ckll.) (Coccidae): <i>Philodendron</i> sp.-----	Mexico-----	-----	-----	2	Texas.
<i>Lepidosaphes conchiformis</i> (Gmel.) (Coc- cidae): <i>Diospyros</i> sp. (persimmon)-----	Japan-----	1	-----	-----	Minnesota.
<i>Pyrus communis</i> (pear)-----	do-----	-----	1	-----	California.*
" <i>Lepidosaphes</i> " <i>esakii</i> Takah. (Coccidae): <i>Cocos nucifera</i> (coconut)-----	Guam-----	1	-----	-----	Do.
<i>Lepidosaphes ficus</i> (Sign.) (Coccidae): <i>Ficus carica</i> (fig)-----	Algeria, Italy, Palestine.	-----	-----	5	California*, New Jersey, New York.
<i>Lepidosaphes kuwacola</i> Kuw. (Coccidae): <i>Salix</i> sp. (willow)-----	Japan-----	-----	1	-----	Washington.
<i>Lepidosaphes pallida</i> (Green) (Coccidae): <i>Cupressus</i> sp. (cypress)-----	do-----	-----	-----	1	Do.
<i>Juniperus</i> sp. (juniper)-----	do-----	-----	-----	2	Do.
<i>Lepidosaphes philococcus</i> (Ckll.) (Cocci- dae): Cactus-----	Mexico-----	-----	-----	1	Texas.
<i>Lepidosaphes pistaciae</i> Arch. (Coccidae): <i>Pistacia vera</i> (pistache)-----	Syria-----	1	-----	-----	New York.
<i>Lepidosaphes tokionis</i> (Kuw.) (Coccidae): <i>Codiaeum variegatum</i> (eroton)-----	Bahamas, British West Indies, Hawaii, Philippines, unknown.	8	1	4	California*, Hawaii, New Jersey, New York.
<i>Lepidosaphes tuberculata</i> Malen. (Cocci- dae): <i>Coelogyne cristata</i> (orchid)-----	India-----	-----	-----	1	California.*
<i>Cymbidium eburneum</i> (orchid)-----	do-----	-----	-----	1	New Jersey.
<i>Cymbidium tuberculata</i> -----	England-----	-----	-----	1	Do.
<i>Cymbidium</i> sp.-----	Australia, Bel- gium, China, England, Netherlands.	1	-----	21	California*, Hawaii, New Jersey.
<i>Dendrobium speciosum</i> (orchid)-----	Australia-----	-----	-----	1	California.*
Orchid-----	China-----	-----	-----	1	Hawaii.
<i>Lepidosaphes tubulorum</i> Ferris (?) (Coccidae): <i>Cocos nucifera</i> (coconut)-----	Guam-----	1	-----	-----	California.*
<i>Lepidosaphes yanagicola</i> Kuw. (Cocci- dae): <i>Salix</i> sp. (willow)-----	Japan-----	-----	1	-----	Washington.
<i>Leptoglossus chilensis</i> Spinola (Coreidae): <i>Vitis</i> sp. (grape)-----	Chile-----	6	-----	-----	New York.
<i>Leptophobia aripa</i> (Bdv.) (Pieridae): <i>Brassica oleracea botrytis</i> (cauliflower):	Mexico-----	-----	3	-----	New York, Texas.
<i>Leucaspis archangelskyae</i> Ldgr. (Cocci- dae): <i>Prunus</i> sp. (cherry)-----	Afghanistan-----	-----	-----	1	District of Columbia.
<i>Pyrus communis</i> (pear)-----	do-----	-----	-----	1	Do.
<i>Leucaspis candida</i> (Targ.) (Coccidae): <i>Pinus</i> sp. (pine)-----	Germany-----	-----	-----	1	New Jersey.
<i>Leucaspis cockerelli</i> (de Charm.) (Cocci- dae): <i>Citrus aurantifolia</i> (sour lime)-----	Panama, Sal- vador.	2	2	-----	California.*
<i>Citrus paradisi</i> (grapefruit)-----	Jamaica Ni- geria.	-----	4	-----	Do.
<i>Citrus sinensis</i> (orange)-----	Jamaica, Pan- ama, Trini- dad, Venez- uela.	-----	7	-----	California* Florida.*
<i>Cocos nucifera</i> (coconut)-----	Hawaii.	1	-----	-----	California.*
<i>Dendrobium</i> sp. (orchid)-----	do-----	-----	-----	1	Do.
<i>Vanda</i> sp. (orchid)-----	Trinidad-----	-----	-----	1	Florida.
<i>Leucocera quinquepunctata</i> (L.) (Chryso- melidae): <i>Opuntia</i> sp. and <i>Cereus</i> sp. plants-----	Haiti-----	-----	-----	1	New Jersey.



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		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Leucocera sexpunctatus</i> Chev. (Chrysomelidae): Orchid	Cuba			1	Florida.
<i>Ligyrocoris abdominalis</i> (G.-M.) (Lygaeidae): <i>Lycopersicon esculentum</i> (tomato)	Mexico	3			Texas.
<i>Oncidium</i> sp. (orchid)	Guatemala			1	New Jersey.
<i>Ligyrocoris aurivilliana</i> (Dist.) (Lygaeidae): <i>Chrysanthemum</i> sp.	Mexico	1			Texas.
<i>Lycopersicon esculentum</i> (tomato)	do	3			Do.
<i>Ligyrocoris litigiosus</i> Stal (Lygaeidae): <i>Ananas comosus</i> (pineapple)	do	2			Do.
<i>Lineodes integra</i> (Zell.) (Pyraustidae): <i>Lycopersicon esculentum</i> (tomato)	do	1			Do.
<i>Lineodes triangularis</i> (Mosch.) (Pyraustidae): <i>Capsicum frutescens</i> (pepper)	Puerto Rico	1			New York.
<i>Liothrips vaneeckei</i> Pr. (Phlaeothripidae): <i>Lilium</i> sp. (lily)	China			1	Washington.
<i>Liriomyza pusilla</i> (Meig.) (Agromyzidae): <i>Capsicum frutescens</i> (pepper)	Mexico	4			Arizona, Texas.
<i>Gypsophila paniculata</i> (babysbreath)	do	1			Texas.
<i>Lycopersicon esculentum</i> (tomato)	do	4			Arizona, Texas.
<i>Listroderes aequivocus</i> Kuschel (Curculionidae): <i>Allium sativum</i> (garlic)	Unknown		1		New York.
<i>Lixus ascanii</i> (L.) (Curculionidae): <i>Raphanus sativus</i> (radish)	France		1		Do.
<i>Lixus junci</i> Boh. (Curculionidae): <i>Beta vulgaris</i> (beet)	Egypt, Spain		2		Maryland, Texas.
<i>Loxostege bifidalis</i> (F.) (Pyraustidae): <i>Portulaca oleracea</i> (purslane)	Mexico	1			Texas.
<i>Loxostege similalis</i> (Gn.) (Pyraustidae): <i>Chrysanthemum</i> sp.	do	1			Do.
<i>Portulaca oleracea</i> (purslane)	do	6			Do.
<i>Lygaeus circumlinitus</i> Dist. (Lygaeidae): Orchid	do			1	Do.
<i>Lygaeus circumplicatus</i> Dist. (Lygaeidae): Orchid	do			1	Do.
<i>Lygaeus consanguinitus</i> Dist. (Lygaeidae): <i>Allium cepa</i> (onion)	do	1			Do.
<i>Lygaeus pulchellus</i> F. (Lygaeidae): <i>Musa paradisiaca sapientum</i> (banana)	do	1			California.*
<i>Lygaeus vittiscutis</i> Stal (Lygaeidae): Bromeliad	Costa Rica			1	Texas.
<i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Do.
Orchid	Guatemala, Honduras, Mexico.			6	Do.
<i>Lygus elisus</i> Van D. (Miridae): <i>Ilex</i> sp. (holly)	Canada	1			Minnesota.
<i>Lygus fraudulentus</i> (Stal) (Miridae): <i>Brassica oleracea botrytis</i> (cauliflower)	Argentina		1		Louisiana.
<i>Lygus oblineatus</i> (Say) (Miridae): <i>Chrysanthemum</i> sp.	Mexico	1			Arizona.
<i>Ulmus</i> sp. (elm)	Canada	1			New York.
Vegetables	Mexico	1			Texas.
<i>Zea mays</i> (corn)	Canada		1		Do.
<i>Madarus distigma</i> Boh. (Curculionidae): Orchid	Mexico			1	Do.
<i>Malacorhinus tripunctatus</i> (Jac.) (Chrysomelidae): Airplane	do		1		Do.
<i>Mamestra brassicae</i> (L.) (Phalaenidae): <i>Brassica oleracea botrytis</i> (cauliflower)	Ireland, Nor- way.		2		New York, Texas.
<i>Brassica oleracea capitata</i> (cabbage)	France, Neth- erlands.		2		New York.



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<i>Maruca testulalis</i> (Geyer) (Pyraustidae): <i>Cajanus cajan</i> (pigeonpea)-----	Dominican Republic, Puerto Rico.	10			Maryland, New York.
<i>Canavalia</i> sp.-----	Hawaii-----	12			California*, Hawaii.
<i>Phaseolus lunatus macrocarpus</i> ----- (lima bean)	Cuba, Puerto Rico.	3			New York.
<i>Phaseolus vulgaris</i> (kidney bean)-----	Puerto Rico-----		1		Do.
<i>Phaseolus vulgaris</i> var. (string bean)	Brazil, Cuba, Dutch Guiana, Hawaii, Puerto Rico, Venezuela.	5	13		Alabama, California*, Florida*, Louisiana, Maryland, New York, Pennsylvania, Texas.
<i>Mecinus pyraaster</i> Hbst. (Curculionidae): Soil and moss packing-----	Ireland-----			1	New York.
<i>Mecolaemus carvalhoi</i> (Costa Lima) (Miridae): Orchid-----	Brazil-----			1	Florida.
<i>Megacerus contaminatus</i> (Sharp) (Bruchidae): <i>Ipomoea stans</i> -----	Mexico-----			1	District of Columbia.
<i>Megalometis chiliensis</i> Boh. (Curculionidae): <i>Prunus domestica</i> (plum)-----	Chile-----	1			New York.
<i>Prunus persica nectarina</i> (nectarine) -----do-----	do-----	1			Do.
<i>Megapenthes cinnamomus</i> Champ. (Elateridae): <i>Odontoglossum</i> sp. (orchid)-----	Guatemala-----			1	Texas.
<i>Megasternum boletophagum</i> (Marsh.) (Hydrophilidae): <i>Beta vulgaris macrorhiza</i> ----- (mangel-wurzel)	England-----		1		New York.
<i>Melanozanthus melanocephalus</i> (F.) (Elateridae): Airplane-----	South Pacific-----		1		Hawaii.
<i>Metamasius sericeus</i> (Oliv.) (Curculionidae): <i>Musa paradisiaca sapientum</i> ----- (banana)	Costa Rica, Ecuador, Honduras.	11			California*, Maryland, South Carolina.
<i>Micrapate labialis</i> Lesne (Bostrichidae): <i>Sambucus</i> sp.-----	Mexico-----	1			New York.
Wood-----	do-----	1			Texas.
<i>Micrelus ericae</i> Gyll. (Curculionidae): <i>Calluna vulgaris</i> (heather)-----	Scotland-----	1			New York.
<i>Mimorista flavidissimalis</i> (Grt.) (Pyraustidae): Cactus-----	Mexico-----	2			Texas.
<i>Mimosestes dominicanus</i> (Jek.) (Bruchidae): <i>Acacia farnesiana</i> (cascalote)-----	Salvador-----	1			Louisiana.
<i>Libidibia</i> sp.-----	Canal Zone-----	1			Do.
<i>Ochroma lagopus</i> (balsa)-----	Colombia-----	1			New York.
<i>Mineola indigenella</i> (Zell.) (Phycitidae): <i>Prunus</i> sp.----- (Japanese flowering cherry)	Japan-----			1	Oregon.
<i>Monanthia monotropidia</i> Stal (Tingitidae): Bromeliad-----	do-----			1	Texas.
<i>Monomorium destructor</i> (Jerd.) (Formicidae): <i>Agave</i> sp. (sisal)-----	Haiti-----			1	District of Columbia.
<i>Ananas comosus</i> (pineapple)-----	Bahamas-----			1	Florida.
<i>Cajanus cajan</i> (pigeonpea)-----	Puerto Rico-----	1			New York.
<i>Coelogyne elata</i> (orchid)-----	India-----	1			Hawaii.
<i>Cymbidium</i> sp. (orchid)-----	do-----			1	New Jersey.
<i>Dendrobium</i> sp. (orchid)-----	do-----	1			Hawaii.
<i>Hibiscus esculentus</i> (okra)-----	Trinidad-----	1			New York.
Orchid-----	Colombia, Philippines.	1		1	California*, Florida.



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<i>Monomorium destructor</i> —Continued					
<i>Pyrus communis</i> (pear)-----	Lebanon-----	1			New York.
<i>Vanda</i> sp. (orchid)-----	India-----			1	New Jersey.
<i>Moodna bisinuella</i> Hamp. (Phycitidae):					
<i>Zea mays</i> (corn)-----	Mexico-----	3	2		Texas.
<i>Mordellistena cattleyana</i> Champ. (Mor- dellidae):					
<i>Cattleya gigas</i> (orchid)-----	Colombia-----			2	Florida, New Jersey.
<i>Cattleya labiata</i> -----	Brazil-----			6	New Jersey, Texas.
<i>Cattleya labiata autumnalis</i> -----	do-----			3	California.*
<i>Cattleya velutina</i> -----	do-----			1	New Jersey.
<i>Cattleya warneri</i> -----	do-----			1	Do.
<i>Cattleya</i> sp.-----	Brazil, Colombia, Venezuela.			21	Florida, New Jersey, Texas.
<i>Epidendrum</i> sp. (orchid)-----	do-----			1	Do.
<i>Laelia purpurata</i> (orchid)-----	Brazil-----			1	New Jersey.
Orchid-----	Honduras, Mexico.			3	Florida, Texas.
<i>Mordellistena rufonotata</i> Champ. (Mor- dellidae):					
Orchid-----	Mexico-----			3	Texas.
<i>Morganella longispina</i> (Morg.) (Cocci- dae):					
<i>Citrus aurantifolia</i> (sour lime)-----	Philippines-----		1		California.*
<i>Citrus limon</i> (lemon)-----	New Zealand-----		2		Do.
<i>Citrus sinensis</i> (orange)-----	Brazil-----		1		Do.
<i>Dendrobium</i> sp. (orchid)-----	Straits Settle- ments.			1	Do.
<i>Myelois ceratoniae</i> Zell. (Phycitidae):					
<i>Ceratonia siliqua</i> (St. Johnsbread)-----	Italy-----	1			New York.
<i>Citrus sinensis</i> (orange)-----	do-----	1			Do.
<i>Phoenix dactylifera</i> (date)-----	Iraq-----	1			Florida.*
<i>Myelois notatalis</i> (Wlk.) (Phycitidae):					
<i>Ceratonia siliqua</i> (St. Johnsbread)-----	British Hon- duras.	1			Do.
<i>Myllocerus hilleri</i> Faust (Curculionidae):					
Unknown-----	Japan (?)-----		1		Washington.
<i>Myodocha longicollis</i> Stal (Lygaeidae):					
<i>Lycopersicon esculentum</i> (tomato)-----	Mexico-----	1			Texas.
<i>Myzus ascalonicus</i> Doneaster (Aphidae):					
<i>Allium cepa</i> (onion)-----	France-----	1			Ohio.
<i>Nasutitermes corniger</i> (Motsch.) (Term- itidae):					
Log-----	Costa Rica-----	1			South Caro- lina.
<i>Musa paradisiaca sapientum</i> (banana)	do-----	1			California.*
Wood-----	Honduras-----	1			Louisiana.
<i>Nasutitermes luzonicus</i> (Oshima) (Term- itidae):					
Wood-----	Philippines-----	1			Maryland.
<i>Nasutitermes nigriceps</i> (Haldeman) (Termitidae):					
Orchid-----	Unknown-----			1	Florida.
<i>Neocattarus vegetus</i> Dist. (Lygaeidae):					
<i>Oncidium confusum</i> (orchid)-----	Canal Zone-----			1	Hawaii.
<i>Neoclytus cacicus</i> Chev. (Cerambyci- dae):					
<i>Guajacum officinale</i> (lignumvitae)-----	Nicaragua-----	1			California.*
<i>Neodryocoetes guianae</i> Blkm. (Scoly- tidae):					
<i>Cajanus cajan</i> (pigeonpea)-----	British Guiana-----	2			New Jersey.
<i>Pisum sativum</i> (pea)-----	do-----	1			Missouri.
<i>Neoleucinodes elegantalis</i> (Guen.) (Py- raustidae):					
<i>Lycopersicon esculentum</i> (tomato)-----	Mexico-----	398			Texas.
<i>Solanum melongena</i> (eggplant)-----	Brazil-----		1		New York.
<i>Newsteadia floccosa</i> (Deg.) (Coccidae):					
Woods moss-----	England, France.			2	New Jersey.
<i>Nilotaspis halli</i> (Green) (Coccidae):					
<i>Prunus armeniaca</i> (apricot)-----	Israel, Turkey-----			5	Distriet of Columbia.

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<i>Nilotaspis halli</i> —Continued					
<i>Prunus persica</i> (peach)-----	Turkey-----	-----	-----	1	District of Columbia.
<i>Prunus</i> sp. (plum)-----	do-----	-----	-----	1	Do.
<i>Nymphalis urticae</i> (L.) (Nymphalidae):					
Hay packing-----	Netherlands--	1	-----	-----	Arizona.
<i>Nysius basalis</i> Dallas (Lygaeidae):					
Orchid-----	Mexico-----	-----	-----	1	Texas.
<i>Nysius dallasi</i> White (Lygaeidae):					
Airplane-----	Hawaii-----	-----	1	-----	Hawaii.
<i>Nysius simulans</i> Stal (Lygaeidae):					
<i>Hordeum stenostachys</i> -----	Uruguay-----	-----	-----	1	District of Columbia.
<i>Prunus persica nectarina</i> (nectarine)	Chile-----	1	-----	-----	New York.
<i>Oedionychis lateralis</i> Jac. (Chrysomelidae):					
Orchid-----	Mexico-----	-----	-----	1	Texas.
<i>Oedionychis transversalis</i> Jac. (Chrysomelidae):					
Orchid-----	do-----	-----	-----	1	Do.
<i>Ogdoecosta biannularis</i> (Boh.) Chrysomelidae):					
<i>Laelia</i> sp. (orchid)-----	do-----	-----	-----	1	Do.
<i>Oosternum costatum</i> Sharp (Hydrophilidae):					
Orchid-----	do-----	-----	-----	1	Do.
<i>Orchidophilus peregrinator</i> Buch. (Curculionidae):					
Orchid-----	Hawaii.	1	-----	-----	Hawaii.
<i>Orthotomicus laricis</i> (F.) (Scolytidae):					
Wooden strips around peat moss-----	Netherlands--	1	-----	-----	Louisiana.
<i>Orycaenus lavaterae</i> (F.) (Lygaeidae):					
<i>Tilia tomentosa</i> (silver linden)-----	Italy-----	-----	-----	1	New Jersey.
<i>Oxydema longulum</i> (Boh.) (Curculionidae):					
Parcel post package-----	Hawaii-----	1	-----	-----	Hawaii.
<i>Ozophora consanguineus</i> (Dist.) (Lygaeidae):					
Bromeliad-----	Costa Rica-----	-----	-----	1	Texas.
<i>Pachybrachius luridus</i> Hahn. (Lygaeidae):					
<i>Dianthus</i> sp. (carnation)-----	Netherlands--	-----	-----	1	New Jersey.
<i>Rhododendron</i> sp.-----	do-----	-----	-----	1	Do.
<i>Pachycoris torridus</i> (Scop.) (Pentatomidae):					
<i>Musa paradisiaca sapientum</i> ----- (banana)	Guatemala----	1	-----	-----	California.*
<i>Pachyzancla bipunctalis</i> (F.) (Pyraustidae):					
Plant-----	Puerto Rico----	1	-----	-----	New York.
<i>Pachyzancla periusalis</i> (Wlk.) (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato)-----	Brazil, Jamaica	1	1	-----	Alabama, New York
<i>Pantomorus godmani</i> (Crotch) (Curculionidae):					
Flowers-----	Hawaii-----	1	-----	-----	Hawaii.
<i>Leucaena glauca</i> -----	do-----	1	-----	-----	Do.
<i>Pimpinella anisum</i> (anise)-----	Azores-----	-----	-----	1	New Jersey.
<i>Paracardiophorus pauper</i> (Cand.) (Elatерidae):					
Soil around azalea roots-----	Japan-----	-----	-----	1	Hawaii.
<i>Parlatoria camelliae</i> Comst. (Coccidae):					
<i>Aucuba</i> sp.-----	do-----	-----	-----	1	California.*
<i>Camellia japonica</i> (camellia)-----	China, Japan-----	-----	-----	12	California*, District of Columbia, Florida*, Washington.
<i>Parlatoria chinensis</i> Marl. (Coccidae):					
<i>Cydonia</i> sp. (flowering quince)-----	Japan-----	-----	-----	1	Washington.
<i>Parlatoria cinerea</i> Hadden (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime)-----	British West Indies, Costa Rica, Mexico, Trinidad.	1	8	-----	California*, Florida*.



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<i>Parlatoria cinerea</i> —Continued					
<i>Citrus grandis</i> (pummelo)-----	Formosa-----		1		California*.
<i>Citrus paradisi</i> (grapefruit)-----	Brazil, Pan- ama, Trini- dad, Uru- guay.-----		5		Do.
<i>Citrus sinensis</i> (orange)-----	Brazil, Pan- ama, Trini- dad, Uru- guay.-----	1	14		California*, Florida*.
<i>Parlatoria citri</i> McKenzie (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime)-----	Straits Settle- ments.-----		1		California*.
<i>Parlatoria crotonis</i> Dougl. (Coccidae):					
<i>Codiaeum variegatum</i> (croton)-----	Hawaii-----		1	2	California*, New Jersey.
<i>Parlatoria fluggeae</i> Hall (Coccidae):					
<i>Hibiscus</i> sp.-----	do-----			1	California.*
<i>Parlatoria oleae</i> (Colvee) (Coccidae):					
<i>Malus sylvestris</i> (apple)-----	Afghanistan,-- Greece (?), Italy.-----	27		2	District of Columbia, Michigan, New York.
<i>Mespilus germanica</i> (medlar)-----	Italy-----	2			New York.
<i>Olea europaea</i> (olive)-----	Greece-----			2	District of Columbia, New Jersey.
<i>Prunus armeniaca</i> (apricot)-----	Afghanistan--			1	District of Columbia.
<i>Prunus persica</i> (peach)-----	do-----			1	Do.
<i>Prunus</i> sp. (plum)-----	do-----			1	Do.
<i>Pyrus communis</i> (pear)-----	Afghanistan,-- Italy.-----	2		1	District of Columbia, New York,
<i>Quercus</i> sp. (?)-----	Italy-----			1	New Jersey.
<i>Parlatoria pittospori</i> Mask. (Coccidae):					
<i>Glottiphyllum</i> sp.-----	Union of South Africa.-----			1	Do.
<i>Haworthia</i> sp.-----	do-----			1	Do.
Palm-----	Mexico-----	1			California.*
<i>Parlatoria pseudaspidiotus</i> Ldgr. (Cocci- dae):					
Orchid-----	India, Japan, Philippines.-----			3	California*, New Jersey, Washington.
<i>Vanda joaquimiae</i> (orchid)-----	Philippines,-- Siam.-----			3	California*, New Jersey.
<i>Vanda suavis</i> -----	Batavia-----			1	New Jersey.
<i>Vanda teres</i> -----	Straits Settle- ments.-----			1	California.*
<i>Vanda</i> sp.-----	Hawaii, Siam.-----			2	California*, New Jersey.
<i>Parlatoria theae</i> Ckll. (Coccidae):					
<i>Acer</i> sp. (maple)-----	Japan-----	1		3	California*, Washington.
<i>Prunus</i> sp., perhaps <i>mume</i> -----	do-----			1	District of Columbia.
<i>Rosa</i> sp. (rose)-----	do-----			1	California.*
<i>Parlatoria zizyphus</i> (Lucas) (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime)-----	China, Phil- ippines, Straits Set- tlements.-----		5		Do.
<i>Citrus grandis</i> (pummelo)-----	Formosa,-- Japan, Phil- ippines, Straits Set- tlements.-----		4		Do.
<i>Citrus limon</i> (lemon)-----	Australia,-- Italy, Japan, Spain.-----		13		California*, Florida.*
<i>Citrus paradisi</i> (grapefruit)-----	China-----		1		California.*
<i>Citrus reticulata</i> (tangerine)-----	China, Japan.-----	1	2		California*, Minnesota.

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<i>Parlatoria zizyphus</i> —Continued <i>Citrus sinensis</i> (orange)-----	Algeria, China, Italy, Phil- ippines, Spain.	1	8		California*, Hawaii, Massachu- setts, Penn- sylvania.
<i>Paroxyna sororcula</i> (Wled.) (Tephriti- dae): <i>Eriocephalus pubescens</i> -----	Pretoria-----			1	District of Columbia.
<i>Pealius hibisci</i> (Kot.) (Aleyrodidae): <i>Hibiscus</i> sp.-----	Hawaii-----	1			California.*
<i>Pectinophora gossypiella</i> (Saund.) (Gelechiidae): <i>Gossypium</i> sp. (cottonseed)-----	Brazil, Egypt, Hawaii, India, Italy, Jamaica, Mexico, Pakistan, Philippines.	26	5	2	Florida*, Michigan, New York, Pennsylvan- ia, Texas.
<i>Gossypium</i> sp. (seed cotton)-----	Haiti, Mexico-----	3			Florida*, Texas.
<i>Gossypium</i> sp. (cotton boll)-----	Virgin Islands-----	1			New York.
<i>Gossypium</i> sp. (cotton; grabbots)-----	Brazil-----	1			Texas.
<i>Hibiscus esculentus</i> (okra)-----	American Vir- gin Islands, Brazil, Puerto Rico.	4	1		New York.
In railway car-----	Mexico-----	1			Texas.
<i>Phalonia zephyrana</i> (Trelt.) (Phalonii- dae): <i>Daucus carota</i> (carrot)-----	Italy-----		2		Alabama, Louisiana.
<i>Phatnoma annulipes</i> Champ. (Tingidae): Orchid-----	Mexico-----			2	Texas.
<i>Pheidole megacephala</i> (F.) (Formicidae): <i>Ananas comosus</i> (pineapple)-----	Cuba-----	2			Louisiana, New York.
<i>Solanum melongena</i> (eggplant)-----	do-----	1			New York.
<i>Phelomerus germaini</i> Pic (Bruchidae): <i>Cercidium australe</i> -----	Argentina-----			1	Washington.
<i>Phenacaspis sandwicensis</i> Fullaway (Coccidae): <i>Cocos nucifera</i> (coconut)-----	Hawaii-----		1		California.*
<i>Strelitzia</i> sp.-----	do-----			1	Do.
<i>Phenacoccus gossypii</i> Towns. & Ckll. (Coccidae): <i>Coleus</i> sp.-----	Mexico-----			1	Arizona.
<i>Phlyctinus callosus</i> Boh. (Curculioni- dae): <i>Vitis</i> sp. (grape)-----	Union of South Africa.	7			Maryland, New York.
<i>Phragmatobia fuliginosa</i> (L.) (Arctiidae): <i>Primula</i> sp.-----	England-----			1	New York.
<i>Phyllotreta cruciferae</i> (Goeze) (Chryso- melidae): <i>Pyrus communis</i> (pear)-----	France-----		1		Massachu- setts.
<i>Physonota humilis</i> Boh. (Chrysomelidae): Orchid-----	Mexico-----			1	Arizona.
<i>Physorhinus distigma</i> Cand. (Elateri- dae): Log-----	Costa Rica,--- Mexico.	2			California.*
<i>Physorhinus distigma cephalicus</i> Cand. (Elateridae): <i>Cedrus</i> sp. (cedar)-----	Canal Zone-----	1			New York.
<i>Phytomyza atricornis</i> Meig. (Agromyzi- dae): <i>Cichorium endivia</i> (endive)-----	Belgium-----	64			Massachu- setts, New York.
<i>Cichorium intybus</i> (chicory)-----	do-----	8	1		New York.
<i>Piezodorus purus</i> (Stal) (Pentatomidae): <i>Tetragonia arbuscula</i> -----	Pretoria-----			1	District of Columbia.



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<i>Pinnaspis buxi</i> (Bouche) (Coccidae):					
<i>Anthurium</i> sp.-----	Costa Rica,----- Hawaii.	2	-----	2	California*, Florida.
<i>Cirrhopetalum</i> sp. (orchid)-----	India-----	-----	-----	1	New Jersey.
<i>Dendrobium fusiforme</i> (orchid)-----	Australia-----	-----	-----	2	Hawaii.
<i>Dendrobium speciosum</i> -----	do-----	-----	-----	3	Hawaii, New Jersey, Washington.
<i>Dendrobium</i> sp.-----	do-----	-----	-----	1	Washington.
<i>Philodendron</i> sp.-----	Hawaii-----	-----	-----	1	California.*
<i>Pityogenes bidentatus</i> (Herbst.) (Scolyti- dae):					
<i>Pinus</i> sp. (pine)-----	Germany,----- Netherlands.	4	-----	-----	Alabama, New York, Texas.
<i>Pityogenes chalcographus</i> (L.) (Scolyti- dae):					
Bark-----	Belgium, Swe- den.	2	-----	-----	New Jersey, Pennsyl- vania.
Coniferous wood-----	Finland-----	1	-----	-----	Pennsylvania.
<i>Picea</i> sp. (spruce)-----	Finland, Ger- many, Hun- gary, Swe- den.	16	-----	-----	New York.
<i>Pinus</i> sp. (pine)-----	Germany,----- Hungary, Netherlands.	5	-----	-----	Louisiana, New York.
<i>Pityophthorus sambuci</i> Blkm. (Scolyti- dae):					
Bark-----	Mexico-----	1	-----	-----	California.
<i>Salix</i> sp. (willow)-----	do-----	1	-----	-----	Texas.
<i>Plagiodera thymaloides</i> Stal (Chrysomel- idae):					
Orchid-----	do-----	-----	-----	5	Do.
<i>Platycarenum humilis</i> (H.-S.) (Pentato- midae):					
<i>Musa paradisiaca sapientum</i> ----- (banana)	Costa Rica-----	1	-----	-----	California.*
<i>Platycarenum notulatus</i> Stal (Pentatomi- dae):					
<i>Musa paradisiaca sapientum</i> ----- (banana)	Mexico-----	1	-----	-----	Do.
<i>Platynota rostrana</i> (Wlk.) (Tortricidae):					
<i>Ananas comosus</i> (pineapple)-----	Cuba-----	1	-----	-----	Louisiana.
<i>Capsicum frutescens longum</i> ----- (long red pepper)	Mexico-----	3	-----	-----	California.*
<i>Lycopersicon esculentum</i> (tomato)-----	do-----	9	-----	-----	Texas.
<i>Platynota stultana</i> (Wlsm.) (Tortricidae):					
<i>Beta vulgaris</i> (beet)-----	do-----	1	-----	-----	Do.
<i>Capsicum frutescens</i> (pepper)-----	do-----	48	-----	-----	Arizona, Texas.
<i>Lycopersicon esculentum</i> (tomato)-----	do-----	1	-----	-----	Texas.
<i>Platypus rugulosus</i> Chapuis (Platy- podidae):					
<i>Ananas comosus</i> (pineapple)-----	do-----	4	-----	-----	Do.
<i>Ceiba</i> sp.-----	Nicaragua-----	1	-----	-----	New York.
Log-----	Costa Rica-----	1	-----	-----	South Caro- lina.
<i>Platythrips tunicatus</i> Hal. (Thripidae):					
Woods moss-----	England-----	-----	-----	1	New Jersey.
<i>Plesiommata mollicella</i> (Fowl.), Cicadel- lidae):					
<i>Gladiolus</i> sp.-----	Mexico-----	1	-----	-----	Texas.
<i>Poecilips persicae</i> (Hopk.) (Scolytidae):					
Cyatheaceae-----	Hawaii-----	1	-----	-----	California.*
<i>Pogonocherus fasciculatus</i> Deg. (Ceram- bycidae):					
<i>Picea</i> sp. (spruce)-----	Sweden-----	1	-----	-----	New York.
<i>Polia oleracea</i> (L.) (Phalaenidae):					
<i>Beta vulgaris macrorhiza</i> ----- (mangel-wurzel)	England-----	-----	1	-----	Do.
" <i>Poliaspis</i> " <i>pini</i> Mask. (Coccidae):					
<i>Pinus thunbergii</i> (2-leaved pine)-----	Japan-----	-----	-----	1	Washington.
<i>Pinus</i> sp. (2-leaved pine)-----	do-----	-----	-----	3	Do.
<i>Pinus</i> sp.-----	do-----	-----	-----	1	California.*

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<i>Polycanon chiliensis</i> (Cast.) (Bostrichi- dae):					
<i>Vitis</i> sp. (grape)-----	Chile-----	1			New York.
<i>Polychrosis botrana</i> (Schiff.) (Olethreuti- dae):					
<i>Vitis</i> sp. (grape)-----	France, Italy--	4	1		Massachu- setts, New York.
<i>Prays oleellus</i> (F.) (?) (Hyponomeuti- dae):					
<i>Olea europaea</i> (olive)-----	Lebanon-----	1			New York.
<i>Premnotrypes fractirostris</i> Mshl. (Cur- culionidae):					
<i>Solanum tuberosum</i> (potato)-----	Peru-----		1		Texas.
<i>Premnotrypes solani</i> Pierce (Curculioni- dae):					
<i>Solanum tuberosum</i> (potato)-----	do-----		2		Do.
<i>Premnotrypes vorax</i> (Hust.) (Curculioni- dae):					
<i>Solanum tuberosum</i> (potato)-----	Ecuador-----		1		New York.
<i>Prodenia eridania</i> (Cram.) (Phalaenidae):					
<i>Aster</i> sp.-----	Bermuda-----	1			Do.
<i>Chrysanthemum</i> sp.-----	Venezuela-----	1			Do.
<i>Lilium longiflorum</i> (Easter lily)-----	Honduras-----	1			Louisiana.
<i>Lycopersicon esculentum</i> (tomato)-----	Mexico-----	1			Arizona.
<i>Prodenia ornithogalli</i> Gn. (Phalaenidae):					
<i>Zinnia</i> sp.-----	do-----	1			Texas.
<i>Prostephanus truncatus</i> (Horn) (Bostri- chidae):					
<i>Zea mays</i> (corn)-----	do-----			1	Do.
<i>Protopulvinaria longivalvata</i> (Green) (Coccidae):					
<i>Antidesma bunius</i> -----	Canal Zone--			1	Florida.
(bignay China laurel)					
<i>Gardenia augusta</i> (gardenia)-----	Venezuela-----	3	1	1	Alabama, New York.
<i>Eugenia jambos</i> (rose-apple)-----	Canal Zone--			1	California.*
<i>Protopulvinaria pyriformis</i> (Ckll.) (Coc- cidae):					
<i>Gardenia augusta</i> (gardenia)-----	Cuba-----	2			Florida.*
<i>Lonicera</i> sp.-----	Bermuda-----			1	New York.
<i>Vanilla pompona</i> (orchid)-----	Canal Zone--			1	Texas.
<i>Pseudaonidia clavigera</i> Ckll. (Coccidae):					
<i>Plumeria</i> sp.-----	Hawaii-----			1	California.*
<i>Pseudaonidia curculiginis</i> Green (Cocci- dae):					
<i>Cymbidium findlaysonianum</i> (orchid)	Philippines--			1	Do.
<i>Pseudaonidia tesserata</i> (de Charm.) (Coc- cidae):					
<i>Hibiscus</i> sp.-----	Hawaii-----			1	Do.
<i>Pseudaonidia trilobitiformis</i> (Green) (Coccidae):					
<i>Citrus limon</i> (lemon)-----	Argentina, Brazil.		2		Do.
<i>Ixora</i> sp.-----	Canal Zone--			1	Florida.
<i>Pseudischnaspis acephala</i> Ferris (Coc- cidae):					
<i>Arundina bambusifolia</i> (orchid)-----	do-----			1	California.*
<i>Pseudischnaspis alienus</i> (Newst.) (Coc- cidae):					
<i>Brassavola</i> sp. (orchid)-----	Honduras-----			1	Florida.
<i>Cattleya skinneri</i> (orchid)-----	Costa Rica-----			1	New Jersey.
<i>Cattleya</i> sp.-----	Guatemala, Venezuela.			2	Florida, New Jersey.
<i>Laelia anceps</i> (orchid)-----	Mexico-----			1	Texas.
<i>Laelia autumnalis</i> (?)-----	do-----			1	California.*
<i>Philodendron</i> sp.-----	Guatemala-----			1	Do.
<i>Pseudococcus palmarum</i> (Ehrh.) (Cocci- dae):					
<i>Cocos nucifera</i> (coconut)-----	Hawaii, Phil- ippines.	7	2		California.*
<i>Pseudococcus pini</i> (Kuw.) (Coccidae):					
<i>Pinus</i> sp. (pine)-----	Japan, Korea--			4	California*, District of Columbia, Washington.



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<i>Pseudococcus trichilae</i> Brain (Coccidae): <i>Leucadendron argenteum</i> (silver leucadendron)	Union of South Africa.	1			New Jersey.
<i>Pseudodiaspis yuccae</i> (Ckll.) (Coccidae): Cactus	Mexico			1	Arizona.
<i>Pseudoparlatoria ostreata</i> Ckll. (Coccidae): <i>Cattleya mossiae</i> (orchid)	Costa Rica			1	California.*
<i>Psila rosae</i> (F.) (Psilidae): <i>Apium graveolens</i> (celery)	England, France, Netherlands.		11		Alabama, New York, Penn- sylvania, Texas.
<i>Apium graveolens rapaceum</i> (celeriac)	Denmark, Netherlands, Norway.		8		Louisiana, Texas,
<i>Chrysanthemum</i> sp.	England			1	New Jersey.
<i>Daucus carota</i> (carrot)	Algeria, Bel- gium, Cuba, Denmark, England, France, Ire- land, Italy, Netherlands, Portugal, Sweden, Wales.		43		Alabama, New York, Ohio, South Caro- lina, Texas, Virginia.
<i>Pastinaca sativa</i> (parsnip)	England		4		Texas.
<i>Pteleobius vittatus</i> (F.) (Scolytidae): <i>Ulmus</i> sp. (elm)	do	1			New York.
<i>Ptochoryctis tsugensis</i> (Kearf.) (?) (Xyloryctidae): <i>Cupressus</i> sp. (cypress)	Japan			1	Washington.
<i>Pinus</i> sp. (5-leaved pine)	do			2	Do.
<i>Pulvinaria innumerabilis</i> (Rath.) (Coccidae): <i>Vitis</i> sp. (grape)	France			1	New Jersey.
<i>Pulvinaria psidii</i> Mask. (Coccidae): <i>Anthurium</i> sp.	Trinidad			1	Florida.
<i>Ficus paudurata</i> (fiddleleaf fig)	Cuba			1	New Jersey.
<i>Pittosporum</i> sp.	Bermuda			1	Maryland.
<i>Syzygium cumini</i> (jambolan-plum)	Philippines	1			California.*
<i>Puto mexicanus</i> (Ckll.) (?) (Coccidae): <i>Laelia</i> sp. (orchid)	Mexico			1	Texas.
<i>Pyrausta nubilalis</i> (Hbn.) (Pyraustidae): <i>Beta vulgaris</i> (beet)	Italy		1		Do.
<i>Corylus avellana</i> (filbert)	do			1	New Jersey.
<i>Sorghum vulgare technicum</i> (broomcorn)	France, Hungary, Italy.	18			Maryland, Massachu- setts, New York, Penn- sylvania.
<i>Zea mays</i> (corn)	France	1	1	1	California*, New York, Texas.
<i>Quichuana calathea</i> Shannon (Syrphi- dae): <i>Tillandsia</i> sp.	Mexico			1	Texas.
<i>Renocis mexicanus</i> Blkm. (Scolytidae): Wood	do	1			Washington.
<i>Rhabdoscelus obscurus</i> (Boisd.) (Cur- culionidae): <i>Saccharum officinarum</i> (sugarcane)	American- Samoa	1			Hawaii.
<i>Rhagoletis alternata</i> (Fall.) (Tephriti- dae): <i>Rosa</i> sp. (rose)	Sweden	1			New York.
<i>Rhagoletis alternata</i> (Fall.) (?) (Tephri- tidae): <i>Rosa</i> sp. (rose)	Austria, Sweden.	1		1	New York, Washington.
<i>Rhagoletis cerasi</i> (L.) (Tephritidae): <i>Prunus</i> sp. (cherry)	France, Ger- many, Italy, Portugal, unknown.	3	5		Massachu- setts, New York.

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<i>Rhagoletis cerasi</i> (L.) (?) (Tephritidae): <i>Prunus</i> sp. (cherry)-----	France, Italy, Portugal, Spain.	-----	4	-----	Massachusetts, New York.
<i>Rhagoletis juglandis</i> Cress. (?) (Tephriti- dae): <i>Juglans</i> sp. (walnut)-----	Mexico-----	1	-----	-----	Texas.
<i>Rhagoletis pomonella</i> (Walsh) (Tephriti- dae): <i>Crataegus</i> sp. (red haw)-----	do-----	1	-----	-----	Do.
<i>Malus sylvestris</i> (apple)-----	Mexico,----- unknown.	8	1	-----	New York, Texas.
<i>Rhagoletis striatella</i> Wulp (Tephritidae): <i>Physalis</i> sp. (husk tomato)-----	Mexico-----	1	-----	-----	Texas.
<i>Rhinoncus pyrrhopus</i> Boh. (Curculioni- dae): <i>Armeria</i> sp. (statice)-----	do-----	1	-----	-----	Do.
<i>Rhipibruchus leiboldi</i> (Philippi) (Bruchi- dae): <i>Prosopis</i> sp.-----	Argentina-----	-----	-----	1	District of Columbia.
<i>Rhipibruchus picturatus</i> (Fahr.) (Bruchi- dae): <i>Prosopis alba</i> -----	do-----	-----	-----	2	District of Columbia, Oregon.
<i>Prosopis</i> sp.-----	do-----	-----	-----	1	Washington.
<i>Rhopalosiphoninus tulipaellus</i> (Theob.) (Aphidae): <i>Tulipa</i> sp. (tulip)-----	Netherlands--	-----	-----	1	New York.
<i>Ribua innoxia</i> Hein. (Phycitidae): <i>Ananas comosus</i> (pineapple)-----	Cuba-----	25	-----	-----	Louisiana, New York, Texas.
<i>Ripersiella palestineae</i> Hambl. (Cocci- dae): <i>Arum</i> sp.-----	Palestine-----	-----	-----	1	District of Columbia.
<i>Iris</i> sp.-----	do-----	-----	-----	1	Do.
<i>Sternbergia</i> sp.-----	do-----	-----	-----	1	Do.
<i>Saldula saltatoria</i> (L.) (Saldidae): Soil and moss packing-----	Ireland-----	-----	-----	1	New York.
<i>Scolopostethus affinis</i> (Schilling) (Lygaei- dae): Soil around rhododendrons-----	England-----	-----	-----	1	Washington.
<i>Scolytus intricatus</i> (Ratz.) (Scolytidae): <i>Quercus</i> sp. (oak)-----	do-----	1	-----	-----	New York.
<i>Sesamia cretica</i> (Led.) (Phalaenidae): <i>Sorghum vulgare technicum</i> -----	France, Italy--	23	-----	-----	Maryland, New York.
(broomcorn) <i>Sesamia vuteria</i> (Stoll) (Phalaenidae): <i>Sorghum vulgare technicum</i> -----	Morocco,----- Portugal.	3	-----	-----	New York.
(broomcorn) <i>Sibine stimulea</i> (Clem.) (Limacodidae): <i>Musa paradisiaca sapientum</i> -----	Costa Rica----	1	-----	-----	California.*
(banana) <i>Sinoxylon anale</i> Lesne (Bostrichidae): Wood-----	India-----	2	-----	-----	New York.
<i>Sinoxylon conigerum</i> Gerst. (Bostrichi- dae): <i>Cocos nucifera</i> (coconut)-----	Hawaii.	1	-----	-----	Hawaii.
Wood-----	Ceylon, India.	21	-----	-----	New York.
<i>Sinoxylon sexdentatum</i> (Oliv.) (Bostrichi- dae): Leguminosae (?)-----	Algeria-----	1	-----	-----	Pennsylvania.
Wood staves-----	do-----	2	-----	-----	Do.
<i>Sisamnes contractus</i> Dist. (Lygaeidae): <i>Ananas comosus</i> (pineapple)-----	Mexico-----	14	-----	-----	Texas.
<i>Sitona humeralis</i> Steph. (Curculionidae): <i>Allium sativum</i> (garlic)-----	Italy-----	1	-----	-----	New York.
<i>Lilium</i> sp. (lily)-----	do-----	-----	-----	1	Do.
<i>Rosa</i> sp. (rose)-----	do-----	-----	-----	1	Do.
<i>Vitis</i> sp. (grape)-----	do-----	1	-----	-----	Do.
<i>Sitona lineata</i> (L.) (Curculionidae): <i>Apium graveolens</i> (celery)-----	Netherlands--	-----	1	-----	Pennsylvania.
<i>Narcissus</i> sp.-----	do-----	-----	-----	1	New York.
<i>Rhododendron</i> sp.-----	do-----	-----	-----	1	New Jersey.



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<i>Sireonotus luteiceps</i> Reuter (Miridae):					
Cactus.....	Mexico.....			1	Texas.
Flower.....	do.....	1			Do.
<i>Mammillaria</i> sp. (cactus).....	do.....			1	Do.
Succulent plant.....	do.....			1	Arizona.
<i>Sparteus villosus</i> (F.) (Bruchidae):					
<i>Cytisus purpureus</i> (purple broom)...	Italy.....			2	New Jersey.
<i>Cytisus scoparius</i> (Scotch broom)...	do.....			1	Do.
<i>Cytisus</i> sp.....	Austria.....			1	Washington.
<i>Laburnum anagyroides</i> (goldenchain)	Italy.....			1	New Jersey.
<i>Spartium junceum</i> (weavers-broom)...	do.....			1	Do.
<i>Specularius impressithorax</i> (Pic) (Bruchi- idae):					
<i>Erythrina tomentosa</i> .....	Kenya.....			1	Do.
<i>Spermophagus cardui</i> (Boh.) (Bruchi- dae):					
<i>Convolvulus arvensis</i> .....	Turkey.....			1	District of Columbia.
<i>Sphenarches caffer</i> (Zell.) (Pterophori- dae):					
<i>Cajanus cajan</i> (pigeonpea).....	Puerto Rico...	5			New York.
<i>Spintherus leguminum</i> Ratz. (Pteromal- idae):					
<i>Astragalus</i> sp.....	Turkey.....			1	District of Columbia.
<i>Stenoma anonella</i> Sepp. (Stenomidae):					
<i>Annona muricata</i> (soursop).....	Panama.....	1			Florida.*
<i>Annona</i> sp.....	Salvador.....	1			Louisiana.
<i>Stenoma catenifer</i> (Wlsm.) (Stenomidae):					
<i>Persea americana</i> (avocado).....	Brazil, British West Indies Colombia, Ecuador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Peru, Puerto Rico, Salvador, Venezuela.	19	12		Alabama, California*, Florida*, Louisiana, Massachu- setts, New York, Texas.
<i>Persea schiedeana</i> (coyo avocado)	Honduras.....			1	Florida.
<i>Stephanitis pyrioides</i> Scott (Tingidae):					
<i>Rhododendron</i> sp.....	Japan.....			1	California.*
<i>Stephanoderes buscki</i> Hopk. (Scolytidae):					
<i>Myristica fragrans</i> (nutmeg).....	British West Indies.	1			New York.
<i>Stephanoderes hampei</i> (Ferr.) (Scolyti- dae):					
<i>Coffea</i> sp. (coffee).....	Brazil.....		1		Do.
<i>Stephanoderes lecontei</i> Hopk. (Scolyti- dae):					
<i>Musa paradisiaca sapientum</i> .....	Guatemala...	1			South Caro- lina.
(banana)					Texas.
<i>Poinciana</i> sp. (?).....	Mexico.....	1			Do.
<i>Saccharum officinarum</i> (sugarcane)...	do.....	1			Do.
Seed pod.....	do.....	1			Do.
<i>Strophosoma melanogramma</i> Forst. (Cur- culionidae):					
Woods moss.....	Germany.....			1	New Jersey.
<i>Systole geniculata</i> Foerst. (Eurytomidae):					
<i>Anethum graveolens</i> (dill).....	India (?).....		1		Pennsylvania.
<i>Petroselinum crispum</i> (parsley)...	Mexico.....	1			Arizona.
<i>Taeniothrips atratus</i> (Hal.) (Thripidae):					
<i>Aster</i> sp.....	Switzerland...		1		New York.
<i>Dianthus</i> sp. (carnation).....	Sweden.....	1			Massachu- setts.
<i>Lathyrus odoratus</i> (sweet pea).....	Scotland, Sweden.		2		New York.
<i>Rosa</i> sp. (rose).....	Sweden.....	1			Do.
<i>Taeniothrips dianthi</i> Pr. (Thripidae):					
<i>Dianthus</i> sp. (carnation).....	Unknown.....		1		Do.
<i>Taeniothrips gracilis</i> Mlt. (Thripidae):					
<i>Lycoris</i> sp.....	China.....			1	New Jersey.
<i>Vanda</i> sp. (orchid).....	India.....			1	Do.

List of pests (insects) collected and reported from July 1, 1948, to June 30, 1949, inclusive  
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Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Taeniothrips hawaiiensis</i> (Morg.) (Thripidae):					
<i>Bougainvillea</i> sp.-----	Hawaii	2	-----	-----	California.*
<i>Canavalia</i> sp.-----	do	7	-----	-----	Do.
<i>Dianthus</i> sp. (carnation)-----	do	6	-----	-----	Do.
Flower lei-----	do	1	-----	-----	Do.
<i>Gardenia augusta</i> (gardenia)-----	do	1	-----	-----	Do.
<i>Taeniothrips simplex</i> (Mor.) (Thripidae):					
<i>Dianthus</i> sp. (carnation)-----	Guatemala,----- Mexico, Peru.	2	1	-----	Louisiana, Texas.
<i>Gladiolus</i> sp.-----	Cuba, Mexico, Netherlands, New Zea- land, Peru, Venezuela.	10	3	5	California*, Louisiana, New Jersey, New York, Texas, Washington.
<i>Ornithogalum thyrsoides</i> ----- (chinkerichee)	Cape of Good Hope.	-----	-----	1	New Jersey.
<i>Talponia batesi</i> Hein. (Olethreutidae):					
<i>Annona cherimola</i> (cherimoya)-----	Mexico-----	2	-----	-----	Texas.
<i>Tanymecus confusus</i> Say (Curculioni- dae):					
<i>Ananas comosus</i> (pineapple)-----	do-----	1	-----	-----	Do.
" <i>Targionia</i> " <i>bromiliae</i> (Leon.) (Cocci- dae):					
<i>Ananas comosus</i> (pineapple)-----	Cuba, Hawaii, Mexico.	40	-----	-----	California*, New York, Texas.
" <i>Targionia</i> " <i>hartii</i> (Ckll.) (Coccidae):					
<i>Dioscorea</i> sp. (yam)-----	American Vir- gin Islands, Barbados, China, Nevis, St. Kitts, West Indies.	6	-----	-----	Hawaii, Massachu- setts, New York.
" <i>Targionia</i> " <i>sacchari</i> (Ckll.) (Coccidae):					
<i>Cymbopogon citratus</i> (lemon grass)-----	Jamaica-----	1	-----	-----	Florida.*
Gramineae-----	Guam-----	-----	-----	1	California.*
<i>Pennisetum purpureum</i> ----- (napier grass)	Trinidad-----	-----	-----	1	New Jersey.
<i>Saccharum officinarum</i> (sugarcane)-----	Puerto Rico-----	2	-----	-----	New York, Virginia.
<i>Targionia vitis</i> (Sign.) (Coccidae):					
<i>Vitis</i> sp. (grape)-----	Italy-----	-----	-----	1	Michigan.
<i>Tenthecoris angustimarginatus</i> Hsiao & Sailer (Miridae):					
<i>Laelia</i> sp. (orchid)-----	Mexico-----	-----	-----	2	Texas.
Orchid-----	do-----	-----	-----	10	Do.
<i>Tenthecoris bicolor</i> Scott (Miridae):					
<i>Cattleya</i> sp. (orchid)-----	Brazil-----	-----	-----	1	New Jersey.
Orchid-----	do-----	-----	-----	1	Puerto Rico.
<i>Tenthecoris confusus</i> Hsiao & Sailer (Miridae):					
<i>Cattleya</i> sp. (orchid)-----	Honduras-----	-----	-----	1	Texas.
<i>Laelia anceps</i> (orchid)-----	Mexico-----	1	-----	-----	Do.
<i>Laelia</i> sp.-----	do-----	-----	-----	1	Do.
Orchid-----	do-----	-----	-----	10	Do.
<i>Tenthecoris distinctus</i> Hsiao & Sailer (Miridae):					
<i>Cynoches chlorochilon</i> (orchid)-----	Canal Zone-----	-----	-----	1	Florida.
Orchid-----	Mexico-----	-----	-----	14	Texas.
<i>Tenthecoris distinguendus</i> Hsiao & Sailer (Miridae):					
Orchid-----	Costa Rica-----	-----	-----	1	Florida.
<i>Tenthecoris exitiosus</i> (Dist.) (Miridae):					
<i>Cattleya</i> sp. (orchid)-----	Colombia-----	-----	-----	1	Texas.
<i>Tenthecoris venezuelensis</i> Hsiao & Sailer (Miridae):					
<i>Cattleya</i> sp. (orchid)-----	Venezuela-----	-----	-----	5	New Jersey, Texas.
Orchid-----	do-----	-----	-----	4	Florida, New Jersey, New York.
<i>Tenthecoris vestitus</i> (Dist.) (Miridae):					
<i>Epidendrum fragrans</i> (orchid)-----	Guatemala-----	-----	-----	1	California.*



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<i>Tenthecoris vestitus</i> —Continued					
<i>Odontoglossum pulchellum</i> (orchid)...	do			1	California.*
<i>Oncidium bicallosum</i> (orchid).....	do			1	Do.
<i>Termes hispaniolae</i> (Banks) (Termiti- dae):					
<i>Chlorophora tinctoria</i> (fustictree).....					
<i>Tetraleurodes hederæ</i> Goux (Aleyrodi- dae):	Colombia	1			New York.
<i>Hedera canariensis</i> var. <i>variegata</i> .....					
<i>Tetraleurodes mori</i> (Q.) (Aleyrodidae):	France			1	New Jersey.
<i>Citrus aurantifolia</i> (sour lime).....					
<i>Citrus sinensis</i> (orange).....	Mexico	1			Texas.
<i>Citrus</i> sp.....	do	6			Do.
Leaf.....	do	9			Do.
<i>Nerium oleander</i> (oleander).....	do			1	Arizona.
<i>Psidium guajava</i> (guava).....	do	1			Do.
<i>Tetrapriocera longicornis</i> (Oliv.) (Bos- trichidae):	do	1		1	Do.
<i>Ananas comosus</i> (pineapple).....					
<i>Thamnophthorus schwarzi</i> Blkm. (Scoly- tidae):	do	1			Texas.
<i>Persea americana</i> (avocado).....					
<i>Thrips angusticeps</i> Uzel (Thripidae):	do	2			Do.
<i>Cichorium intybus</i> (chicory).....					
<i>Thrips flavus</i> Schr. (Thripidae):	France		1		New York.
<i>Dianthus</i> sp. (carnation).....					
<i>Phlox</i> sp.....	Norway	1			Do.
<i>Rosa</i> sp. (rose).....	England			1	New Jersey.
<i>Rudbeckia</i> sp.....	Germany	1			New York.
<i>Thrips fuscipennis</i> Hal. (Thripidae):	Denmark		1		Do.
<i>Aster</i> sp.....					
<i>Rudbeckia</i> sp.....	Switzerland		1		Do.
<i>Thrips hawaiiensis</i> (Morg.) (Thripidae):	Denmark		1		Do.
<i>Vanda</i> sp. (orchid).....					
<i>Thrips nigropilosus</i> Uzel (Thripidae):	Hawaii	1			Hawaii.
<i>Aster</i> sp.....					
<i>Thrips trehernei</i> Pr. (Thripidae):	England			1	New Jersey.
<i>Dianthus</i> sp. (carnation).....					
<i>Tomaspis postica</i> Wlk. (Cercopidae):	British Col- umbia.	1			Minnesota.
<i>Saccharum officinarum</i> (sugarcane)...					
<i>Tomoplagia obliqua</i> (Say) (Tephritidae):	Mexico	1			Arizona.
Airplane.....					
<i>Trapezonotus arenarius</i> (L.) (Lygaeidae):	do		1		Texas.
Soil.....					
Woods moss around rose cutting.....	France			1	New York.
<i>Trialeurodes lauri</i> (Sign.) (Aleyrodidae):	Germany			1	New Jersey.
<i>Laurus</i> sp.....					
<i>Trialeurodes vaporariorum</i> (Westw.) (Aleyrodidae):	Italy	2			New York.
Herb.....					
<i>Jasminum polyanthum</i> .....	Mexico	1			Texas.
<i>Rosa</i> sp. (rose).....	England			1	California.*
<i>Trichobaris mucorea</i> (Lec.) (Curculioni- dae):	Mexico			1	Texas.
<i>Solanum melongena</i> (eggplant).....					
<i>Trionymus lounsburyi</i> Brain (Coccidae):	do	1			Arizona.
<i>Ornithogalum thyrsoides</i> .....					
(chinkerichee)	Union of South Africa.			1	New Jersey.
<i>Trioza anceps</i> Tuth. (Psyllidae):					
Leaf.....					
<i>Trochuda raspa</i> (Druce) (Pericopidae):	Mexico	1			Texas.
Orchid.....					
<i>Trupanea pentziana</i> Munro (Tephriti- dae):	do			1	Do.
<i>Pentzia spinescens</i> .....					
	Pretoria			1	District of Columbia.
<i>Tychius inermis</i> Csy. (Curculionidae):					
<i>Tillandsia usneoides</i> (Spanish moss)					
<i>Ulopa reticulata</i> (F.) (Cicadellidae):	Mexico	1			Texas.
<i>Calluna vulgaris</i> (heather).....					
<i>Unaspis citri</i> (Comst.) (Coccidae):	Scotland			1	Washington.
<i>Citrus paradisi</i> (grapefruit).....					
<i>Citrus reticulata</i> (tangerine).....	Panama		1		California.*
	Brazil		1		New York.

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<i>Unaspis citri</i> —Continued <i>Citrus sinensis</i> (orange)-----	Argentina,----- Brazil, Mexico, Panama, Trinidad.	-----	5	-----	California*, Florida.*
<i>Unaspis yanonensis</i> (Kuw.) (Coccidae): <i>Citrus reticulata</i> (tangerine)-----	Japan-----	-----	3	-----	California.*
<i>Valtissus diversus</i> (Dist.) (Lygaeidae): Orchid-----	Mexico-----	-----	-----	1	Texas.
<i>Vesiculaphis caricis</i> (Full.) (Aphidae): <i>Rhododendron</i> sp.-----	Japan-----	-----	-----	1	Washington.
<i>Vinsonia stellifera</i> (Westw.) (Coccidae): <i>Aspasia</i> sp. (orchid)-----	Canal Zone-----	-----	-----	1	Texas.
<i>Brassia caudata</i> (orchid)-----	do-----	-----	-----	1	California.*
Bromeliad-----	do-----	-----	-----	2	California*, New Jersey.
<i>Cattleya</i> sp. (orchid)-----	Venezuela-----	-----	-----	1	New Jersey.
<i>Cynoches chlorochilon</i> (orchid)-----	Canal Zone-----	-----	-----	1	Florida.
<i>Ixora</i> sp.-----	Trinidad-----	-----	-----	1	Do.
<i>Oncidium confusum</i> (orchid)-----	Canal Zone-----	-----	-----	2	Hawaii, Texas.
Orchid-----	Canal Zone, Jamaica.	-----	-----	5	California*, Florida.
<i>Renanthera</i> sp. (orchid)-----	Straits Settle- ments.	-----	-----	1	New Jersey.
<i>Xyleborus affinis</i> Eichh. (Scolytidae): Log-----	Costa Rica-----	2	-----	-----	South Caro- lina.
<i>Xylomeira torquata</i> (F.) (Bostrichidae): <i>Agrostis alba</i> (redtop)-----	Mexico-----	1	-----	-----	Texas.
<i>Ananas comosus</i> (pineapple)-----	do-----	1	-----	-----	Do.
<i>Xylopsocus capucinus</i> (F.) (Bostrichi- dae): <i>Derris</i> sp.-----	China-----	1	-----	-----	New York.
<i>Xylosandrus morigerus</i> (Bldfd.) (Scoly- tidae): <i>Dendrobium phalaenopsis</i> (orchid)-----	Australia-----	-----	-----	1	California.*
<i>Xylothrips flavipes</i> (Ill.) (Bostrichidae): Wood-----	Ceylon-----	1	-----	-----	New York.
<i>Zabrotes subfasciatus</i> (Boh.) (Bruchidae): Airplane-----	Honduras-----	-----	1	-----	Texas.
Bean-----	Cuba,----- England, Mexico, Netherlands, Portugal, Puerto Rico, Venezuela.	5	4	-----	District of Columbia, Missouri, New York, Texas.
<i>Cajanus cajan</i> (pigeonpea)-----	Guatemala-----	-----	-----	2	District of Columbia.
<i>Chrysanthemum</i> sp.-----	Mexico-----	1	-----	-----	Texas.
<i>Lycopersicon esculentum</i> (tomato)-----	do-----	1	-----	-----	Do.
<i>Phaseolus lunatus</i> (sieva bean)-----	Guatemala-----	-----	-----	1	District of Columbia.
<i>Phaseolus lunatus macrocarpus</i> ----- (lima bean)	Argentina-----	-----	1	-----	Texas.
<i>Phaseolus vulgaris</i> (kidney bean)-----	India-----	-----	-----	1	District of Columbia.
<i>Phaseolus</i> sp.-----	Mexico, Puerto Rico.	1	1	-----	California*, New York.
<i>Zale sabena</i> (Schaus) (Phalaenidae): Orchid-----	Mexico-----	-----	-----	1	Texas.



ABIES:

*Aspidiotus abietis* (Homoptera)

ACACIA:

*Algarobius ceratioborus* (Coleoptera)  
*Dendrobiella sericans* (Coleoptera)  
*Mimosestes dominicanus* (Coleoptera)

ACER:

*Ceroplastes ceriferus* (Homoptera)  
*Parlatoria theae* (Homoptera)

ACHRAS:

*Anastrepha serpentina* (Diptera)  
*Aspidiotus diffinis* (Homoptera)  
*Asterolecanium pustulans* (Homoptera)

AGAVE:

*Crophius scabrosus* (Coleoptera)  
*Monomorium destructor* (Hymenoptera)

AGROSTIS:

*Xylomeira torquata* (Coleoptera)

ALLIUM CEPA:

*Acrolepia assectella* (Lepidoptera)  
*Lygaeus consanguinitus* (Coleoptera)  
*Myzus ascalonicus* (Homoptera)

ALLIUM PORRUM:

*Acrolepia assectella* (Lepidoptera)

ALLIUM SATIVUM:

*Brachycerus albidentatus* (Coleoptera)  
*Brachycerus algirus* (Coleoptera)  
*Listroderes aequivocus* (Coleoptera)  
*Sitona humeralis* (Coleoptera)

ALOE:

"*Chionaspis*" *exalbida* (Homoptera)  
"*Chionaspis*" *humilis* (Homoptera)

ALYXIA:

*Ceroplastes rubens* (Homoptera)  
*Eucalymnatus tessellatus* (Homoptera)

ANANAS:

*Acrosticta mexicana* (Diptera)  
*Alpheias conspirata* (Lepidoptera)  
*Chalcodermus dentiferus* (Coleoptera)  
*Clerada apicornis* (Coleoptera)  
*Genopaschia protomis* (Lepidoptera)  
*Horistonotus dilaticornis* (Coleoptera)  
*Horistonotus rufiventris* (Coleoptera)  
*Hypolithus pectoralis* (Coleoptera)  
*Ligyrocoris litigiosus* (Hemiptera)  
*Monomorium destructor* (Hymenoptera)  
*Pheidole megacephala* (Hymenoptera)  
*Platynota rostrana* (Lepidoptera)  
*Platypus rugulosus* (Coleoptera)  
*Ribua innoxia* (Lepidoptera)  
*Sisamnes contractus* (Hemiptera)  
*Tanymecus confusus* (Coleoptera)  
"*Targionia*" *bromiliae* (Homoptera)  
*Tetrapriocera longicornis* (Coleoptera)  
*Xylomeira torquata* (Coleoptera)

ANEMONE:

*Anuraphis tulipae* (Homoptera)

ANETHUM:

*Systole geniculata* (Hymenoptera)

ANNONA:

*Aleurotrachelus trachoides* (Homoptera)  
*Anastrepha fraterculus* (?) (Diptera)  
*Anastrepha ludens* (Diptera)  
*Coccotrypes carpophagus* (Coleoptera)  
*Stenoma anonella* (Lepidoptera)  
*Talponia batesi* (Lepidoptera)

ANTHURIUM:

*Asterolecanium epidendri* (Homoptera)  
*Ceroplastes rubens* (Homoptera)  
*Chrysomphalus umboniferus* (Homoptera)  
*Pinnaspis buxi* (Homoptera)  
*Pulvinaria psidii* (Homoptera)

ANTIDESMA:

*Protopulvinaria longivalvata* (Homoptera)

ANTIRRHINUM:

*Frankliniella insularis* (Thysanoptera)

APIUM:

*Euleia heraclei* (Diptera)  
*Psila rosae* (Diptera)  
*Sitona lineata* (Coleoptera)

ARMERIA:

*Rhinoncus pyrrhopus* (Coleoptera)

ARUM:

*Ripersiella palestineae* (Homoptera)

ARUNDINA:

*Pseudischneaspis acephala* (Homoptera)

ASPASIA:

*Vinsonia stellifera* (Homoptera)

ASTER:

*Prodenia eridania* (Lepidoptera)  
*Taeniothrips atratus* (Thysanoptera)  
*Thrips fuscipennis* (Thysanoptera)  
*Thrips nigropilosus* (Thysanoptera)

ASTILBE:

*Brachyrhinus sulcatus* (Coleoptera)

ASTRAGALUS:

*Spintherus leguminum* (Hymenoptera)

AUCUBA:

*Parlatoria camelliae* (Homoptera)

BAMBOO:

*Asterolecanium bambusae* (Homoptera)  
*Dinoderus brevis* (Coleoptera)  
*Heterobostrychus aequalis* (Coleoptera)

BETA:

*Aeoloides grisescens* (Coleoptera)  
*Lixus junci* (Coleoptera)  
*Megasternum boletophagum* (Coleoptera)  
*Platynota stultana* (Lepidoptera)  
*Polia oleracea* (Lepidoptera)  
*Pyrausta nubilalis* (Lepidoptera)

BOUGAINVILLEA:

*Haplothrips gowdeyi* (Thysanoptera)  
*Taeniothrips hawaiiensis* (Thysanoptera)

BRACHYCHITON:

*Doratifera ozleyi* (Lepidoptera)

BRASSAVOLA:

*Furcaspis biformis* (Homoptera)  
*Pseudischneaspis alienus* (Homoptera)

BRASSIA:

*Vinsonia stellifera* (Homoptera)

BRASSICA OLERACEA BOTRYTIS:

*Leptophobia aripa* (Lepidoptera)  
*Lygus fraudulentus* (Hemiptera)  
*Mamestra brassicae* (Lepidoptera)

BRASSICA OLERACEA CAPITATA:

*Diabrotica speciosa* (Coleoptera)  
*Eurydema ornatum* (Hemiptera)  
*Evergestis forficalis* (Lepidoptera)  
*Evergestis rimosalis* (Lepidoptera)  
*Hellula phidilealis* (Lepidoptera)  
*Mamestra brassicae* (Lepidoptera)

BRASSICA RAPA:

*Hellula phidilealis* (Lepidoptera)

BRASSICA SP. (mustard)

*Glyphonyx quadricollis* (Coleoptera)

BROMELIAD:

*Chelymorpha biannularis* (Coleoptera)  
*Epilachna varivestis* (Coleoptera)  
*Lygaeus vittiscutis* (Hemiptera)  
*Monanthia monotropidia* (Hemiptera)  
*Ozophora consanguineus* (Hemiptera)  
*Vinsonia stellifera* (Homoptera)

BROWNEA:

*Dercynus micronyx* (Coleoptera)

BRYOPHYLLUM:

*Coccus viridis* (Homoptera)  
*Haplothrips gowdeyi* (Thysanoptera)

CACTUS:

*Icerya palmeri* (Homoptera)  
*Lepidosaphes philococcus* (Homoptera)  
*Mimorista flavidissimalis* (Lepidoptera)  
*Pseudodiaspis yuccae* (Homoptera)  
*Sizeonotus luteiceps* (Hemiptera)

CAESALPINIA:

*Algarobius ceratioborus* (Coleoptera)

CAJANUS:

*Acanthoscelides armitagei* (Coleoptera)  
*Ancylostomia stercorea* (Lepidoptera)  
*Callosobruchus chinensis* (Coleoptera)  
*Callosobruchus maculatus* (Coleoptera)  
*Cryptocephalus nigrocinctus* (Coleoptera)  
*Fundella pellucens* (Lepidoptera)  
*Maruca testulalis* (Lepidoptera)  
*Monomorium destructor* (Hymenoptera)  
*Neodryocoetes guianae* (Coleoptera)  
*Sphenarches caffer* (Lepidoptera)  
*Zabrotes subfasciatus* (Coleoptera)

CALLUNA:

*Dalopius marginatus* (Coleoptera)  
*Gelechia ericetella* (Lepidoptera)  
*Micrelus ericae* (Coleoptera)  
*Ulopa reticulata* (Homoptera)

CALOCARPUM:

*Anastrepha serpentina* (Diptera)

CAMELLIA:

*Aleurotrachelus camelliae* (Homoptera)



CAMELLIA—Continued

- Aspidiotus degeneratus* (Homoptera)
- Ceroplastes rubens* (Homoptera)
- Coptosoma cribraria* (Hemiptera)
- Parlatoria camelliae* (Homoptera)

CANANGIUM:

- Aonidiella citrina* (Homoptera)

CANAVALLIA:

- Haplothrips gowdeyi* (Thysanoptera)
- Lampides boeticus* (Lepidoptera)
- Maruca testulalis* (Lepidoptera)
- Taeniothrips hawaiiensis* (Thysanoptera)

CAPSICUM:

- Arvelius albopunctatus* (Hemiptera)
- Dysdercus mimulus* (Hemiptera)
- Gnorimoschema gudmannella* (Lepidoptera)
- Lineodes triangularis* (Lepidoptera)
- Liriomyza pusilla* (Diptera)
- Platynota rostrana* (Lepidoptera)
- Platynota stultana* (Lepidoptera)

CARICA:

- Ceratitis capitata* (Diptera)
- Dacus dorsalis* (Diptera)

CASSIA:

- Caryedon fuscus* (Coleoptera)

CASTANEA:

- Hemimene juliana* (Lepidoptera)
- Laspeyresia splendana* (Lepidoptera)

CATASETUM:

- Asterolecanium epidendri* (Homoptera)
- Ferrisiana virgata* (Homoptera)

CATTLEA:

- Asterolecanium epidendri* (Homoptera)
- Calligrapha elegantula* (Coleoptera)
- Chrysomphalus tenax* (Homoptera)
- Coccus pseudothesperidum* (Homoptera)
- Eurytoma orchidearum* (Hymenoptera)
- Furcaspis biformis* (Homoptera)
- Mordellistena cattleyana* (Coleoptera)
- Pseudischnaspis alienus* (Homoptera)
- Pseudoparlatoria ostreata* (Homoptera)
- Tenthecoris bicolor* (Hemiptera)
- Tenthecoris confusus* (Hemiptera)
- Tenthecoris exitiosus* (Hemiptera)
- Tenthecoris venezuelensis* (Hemiptera)
- Vinsonia stellifera* (Homoptera)

CEDRUS:

- Gastrodes pacificus* (Hemiptera)
- Physorhinus distigma cephalicus* (Coleoptera)

CEIBA:

- Platypus rugulosus* (Coleoptera)

CERATONIA:

- Myelois ceratoniae* (Lepidoptera)
- Myelois notatalis* (Lepidoptera)

CERCIDIUM:

- Phelomerus germaini* (Coleoptera)

CHAENOMELES:

- Ceroplastes japonicus* (Homoptera)
- Ceroplastes rubens* (Homoptera)

CHLOROPHORA:

- Termes hispaniolae* (Isoptera)

CHRYSANTHEMUM:

- Anuraphis helichrysi* (Homoptera)
- Camirus conicus* (Hemiptera)
- Ligyrocoris aurivilliana* (Hemiptera)
- Loxostege similalis* (Lepidoptera)
- Lygus oblineatus* (Hemiptera)
- Prodenia eridania* (Lepidoptera)
- Psila rosae* (Diptera)
- Zabrotes subfasciatus* (Coleoptera)

CHRYSOPHYLLUM:

- Anastrepha serpentina* (Diptera)

CICER:

- Callosobruchus analis* (Coleoptera)
- Callosobruchus chinensis* (Coleoptera)
- Callosobruchus maculatus* (Coleoptera)

CICHORIUM:

- Phytomyza atricornis* (Diptera)
- Thrips angusticeps* (Thysanoptera)

CIRRHOPELALUM:

- Pinnaspis buxi* (Homoptera)

CISTUS:

- Bruchidius biguttatus fulvipennis* (Coleoptera)

CITRUS AURANTIFOLIA:

- Aleurocanthus woglumi* (Homoptera)
- Anastrepha ludens* (Diptera)
- Aonidiella comperei* (Homoptera)
- Aspidiotus excisus* (Homoptera)

CITRUS AURANTIFOLIA—Continued

- Aspidiotus palmarum* (Homoptera)
- Chrysomphalus personatus* (Homoptera)
- Coccus viridis* (Homoptera)
- Leucaspis cockerelli* (Homoptera)
- Morganella longispina* (Homoptera)
- Parlatoria cinerea* (Homoptera)
- Parlatoria citri* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Tetraleurodes mori* (Homoptera)

CITRUS AURANTIUM:

- Anastrepha ludens* (Diptera)

CITRUS GRANDIS:

- Parlatoria cinerea* (Homoptera)
- Parlatoria zizyphus* (Homoptera)

CITRUS LIMON:

- Ceratitis capitata* (?) (Diptera)
- Morganella longispina* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Pseudaonidia trilobitiformis* (Homoptera)

CITRUS PARADISI:

- Anastrepha fraterculus* (Diptera)
- Anastrepha ludens* (Diptera)
- Anastrepha serpentina* (Diptera)
- Aonidiella citrina* (Homoptera)
- Ceratitis capitata* (Diptera)
- Leucaspis cockerelli* (Homoptera)
- Parlatoria cinerea* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Unaspis citri* (Homoptera)

CITRUS RETICULATA:

- Anastrepha ludens* (Diptera)
- Aonidiella inornata* (Homoptera)
- Ceratitis capitata* (Diptera)
- Parlatoria zizyphus* (Homoptera)
- Unaspis citri* (Homoptera)
- Unaspis yanonensis* (Homoptera)

CITRUS SINENSIS:

- Aleurocanthus woglumi* (Homoptera)
- Anastrepha fraterculus* (Diptera)
- Anastrepha ludens* (Diptera)
- Anastrepha serpentina* (Diptera)
- Anastrepha suspensa* (Diptera)
- Aspidiotus palmarum* (Homoptera)
- Ceratitis capitata* (Diptera)
- Chrysomphalus personatus* (Homoptera)
- Cryptoblabes gnidiella* (Lepidoptera)
- Gymnandrosoma aurantianum* (Lepidoptera)
- Leucaspis cockerelli* (Homoptera)
- Morganella longispina* (Homoptera)
- Myelois ceratoniae* (Lepidoptera)
- Parlatoria cinerea* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Tetraleurodes mori* (Homoptera)
- Unaspis citri* (Homoptera)

CITRUS TANKAN:

- Coccus viridis* (Homoptera)

CITRUS SP.:

- Dialeurodes citri* (Homoptera)
- Tetraleurodes mori* (Homoptera)

COCOS:

- Achatina fulica* (Mollusca)
- Aonidiella inornata* (Homoptera)
- Aspidiotus coryphae* (Homoptera)
- Aspidiotus destructor* (Homoptera)
- Aspidiotus spinosus* (Homoptera)
- Chrysomphalus albopictus* (Homoptera)
- Chrysomphalus personatus* (Homoptera)
- Dacus dorsalis* (Diptera)
- Diocalandra taitensis* (Coleoptera)
- Ereunetis flavistriata* (Lepidoptera)
- Ferrisiana virgata* (Homoptera)
- "Lepidosaphes" esakii* (Homoptera)
- Lepidosaphes tubulorum* (?) (Homoptera)
- Leucaspis cockerelli* (Homoptera)
- Phenacaspis sandwicensis* (?) (Homoptera)
- Pseudococcus palmarum* (Homoptera)
- Sinoxylon conigerum* (Coleoptera)

CODIAEUM:

- Ferrisiana virgata* (Homoptera)
- Lepidosaphes tokionis* (Homoptera)
- Parlatoria crotonis* (Homoptera)

COELOGYNE:

- Lepidosaphes tuberculata* (Homoptera)
- Monomorium destructor* (Hymenoptera)

COFFEA:

- Ceratitis capitata* (Diptera)
- Dacus dorsalis* (Diptera)



COFFEA—Continued

*Stephanoderes hampei* (Coleoptera)

COLCHICUM:

*Forficula auricularia* (Dermaptera)

COLEUS:

*Phenacoccus gossypii* (Homoptera)

CONVOLVULUS:

*Spermophagus cardui* (Coleoptera)

CORDIA:

*Algarobius ceratioborus* (Coleoptera)

*Aonidiella citrina* (Homoptera)

CORDYLINE:

*Callosobruchus chinensis* (Coleoptera)

CORYLUS:

*Pyrausta nubilalis* (Lepidoptera)

CORYPHANTHA:

*Gerstaeckeria mutillaris* (Coleoptera)

CRASSULA:

"*Chionaspis*" *indigoferae* (Homoptera)

CRATAEGUS:

*Ceroplastes ceriferus* (Homoptera)

*Grapholitha packardi* (Lepidoptera)

*Rhagoletis pomonella* (Diptera)

CROCUS:

*Anuraphis tulipae* (Homoptera)

*Forficula auricularia* (Dermaptera)

CUCUMIS:

*Dacus curcurbitae* (Diptera)

*Diaphania hyalinata* (Lepidoptera)

*Diaphania nitidalis* (Lepidoptera)

CUCURBITA:

*Dacus cucurbitae* (Diptera)

*Diaphania hyalinata* (Lepidoptera)

*Diaphania nitidalis* (Lepidoptera)

CUPRESSUS:

*Anomala rufocuprea viridiaenea* (Coleoptera)

*Aspidiotus pseudomeyeri* (Homoptera)

*Lepidosaphes pallida* (Homoptera)

*Ptochorystis tsugensis* (?) (Lepidoptera)

CYATHEACEAE:

*Poecilips persicae* (Coleoptera)

CYBISTAX:

*Brentus anchorago* (Coleoptera)

CYCNOCHES:

*Tenthecoris distinctus* (Hemiptera)

*Vinsonia stellifera* (Homoptera)

CYDONIA:

*Anastrepha ludens* (Diptera)

*Ceratitis capitata* (Diptera)

*Parlatoria chinensis* (Homoptera)

CYMBIDIUM:

*Forficula auricularia* (Dermaptera)

*Lepidosaphes tuberculata* (Homoptera)

*Monomorium destructor* (Hymenoptera)

*Pseudaonidia curculiginis* (Homoptera)

CYMBOPOGON:

"*Targionia*" *sacchari* (Homoptera)

CYNARA:

*Apion carduorum* (Coleoptera)

*Gortyna flavago* (Lepidoptera)

CYPRIPEDIUM:

*Coccus capparidis* (Homoptera)

CYTISUS:

*Bruchidius lividimanus* (Coleoptera)

*Sparteus villosus* (Coleoptera)

DAHLIA:

*Iridomyrmex humilis* (Hymenoptera)

DANTHONIA:

*Chirothrips manicatus* (Thysanoptera)

DAUCUS:

*Phalonia zephyrana* (Lepidoptera)

*Psila rosae* (Diptera)

DENDROBIUM:

*Asterolecanium epidendri* (Homoptera)

*Lepidosaphes tuberculata* (Homoptera)

*Leucaspis cockerelli* (Homoptera)

*Monomorium destructor* (Hymenoptera)

*Morganella longispina* (Homoptera)

*Pinnaspis buxi* (Homoptera)

*Xylosandrus morigerus* (Coleoptera)

DERRIS:

*Xylopsocus capucinus* (Coleoptera)

DIANTHUS:

*Haplothrips cottei* (Thysanoptera)

*Haplothrips gowdeyi* (Thysanoptera)

*Iridomyrmex humilis* (Hymenoptera)

*Pachybrachius luridus* (Hemiptera)

*Taeniothrips atratus* (Thysanoptera)

DIANTHUS—Continued

*Taeniothrips dianthi* (Thysanoptera)

*Taeniothrips hawaiiensis* (Thysanoptera)

*Taeniothrips simplex* (Thysanoptera)

*Thrips flavus* (Thysanoptera)

*Thrips trehernei* (Thysanoptera)

DIOSCOREA:

*Iridomyrmex humilis* (Hymenoptera)

"*Targionia*" *hartii* (Homoptera)

DIOSPYROS:

*Aspidiotus spinosus* (Homoptera)

*Ceratitis capitata* (Diptera)

*Dacus dorsalis* (Diptera)

*Lepidosaphes conchiformis* (Homoptera)

DOLICHOS:

*Callosobruchus chinensis* (Coleoptera)

*Callosobruchus phaseoli* (Coleoptera)

ECHEVERIA:

*Eumysia stigmella* (Lepidoptera)

ELETTARIA:

*Ferrisiana virgata* (Homoptera)

EPIDENDRUM:

*Ferrisiana virgata* (Homoptera)

*Furcaspis bififormis* (Homoptera)

*Mordellistena cattleyana* (Coleoptera)

*Tenthecoris vestitus* (Hemiptera)

ERICA:

*Aeolothrips brevicornis* (Thysanoptera)

*Homothrips distinctus* (Thysanoptera)

ERIOBOTRYA:

*Ceratitis capitata* (Diptera)

ERIOCEPHALUS:

*Paroxyna sororcula* (Diptera)

ERYTHRINA:

*Specularius impressithorax* (Coleoptera)

EUGENIA:

*Protopulvinaria longivalvata* (Homoptera)

FICUS:

*Ceratitis capitata* (Diptera)

*Ceroplastes rusci* (Homoptera)

*Dacus dorsalis* (?) (Diptera)

*Gynaikothrips ficorum* (Thysanoptera)

*Lepidosaphes ficus* (Homoptera)

*Pulvinaria psidii* (Homoptera)

FRAGARIA:

*Barypeithes araneiformis* (Coleoptera)

FRAXINUS:

*Lesperisinus fraxini* (Coleoptera)

GARCINIA:

*Dacus dorsalis* (Diptera)

GARDENIA:

*Aleuroparadoxus gardeniae* (Homoptera)

*Amorbia emigratella* (Lepidoptera)

*Chrysomphalus scutiformis* (Homoptera)

*Coccus viridis* (Homoptera)

*Dialeurodes citri* (Homoptera)

*Eucalymnatus tessellatus* (Homoptera)

*Ferrisiana virgata* (Homoptera)

*Protopulvinaria longivalvata* (Homoptera)

*Protopulvinaria pyriformis* (Homoptera)

*Taeniothrips hawaiiensis* (Thysanoptera)

GLADIOLUS:

*Plesiommata mollicella* (Homoptera)

*Taeniothrips simplex* (Thysanoptera)

GLOTTIPHYLUM:

*Parlatoria pittospori* (Homoptera)

GLYCINE:

*Callosobruchus chinensis* (Coleoptera)

GOSSYPIUM:

*Pectinophora gossypiella* (Lepidoptera)

GUAJACUM:

*Neoclytus cacticus* (Coleoptera)

GYPHOPHILA:

*Liriomyza pusilla* (Diptera)

HAWORTHIA:

"*Chionaspis*" *exalbida* (Homoptera)

*Parlatoria pittospori* (Homoptera)

HEDERA:

*Tetraleurodes hederæ* (Homoptera)

HELICONIA:

*Dacus dorsalis* (Diptera)

HEURNIA:

*Asterolecanium stentæ* (Homoptera)

"*Chionaspis*" *indigoferæ* (Homoptera)

HIBISCUS:

*Adoretus sinicus* (Coleoptera)

*Callosobruchus maculatus* (Coleoptera)

*Crociosema plebeiana* (Lepidoptera)



HIBISCUS—Continued

- Monomorium destructor* (Hymenoptera)
- Parlatoria fluggeae* (Homoptera)
- Pealius hibisci* (Homoptera)
- Pectinophora gossypiella* (Lepidoptera)
- Pseudaonidia tesserata* (Homoptera)

HORDEUM:

- Nysius simulans* (Hemiptera)

HYDRANGEA:

- Forficula auricularia* (Dermaptera)

ILEX:

- Lygus elisus* (Hemiptera)

IPOMOEA:

- Adoretus sinicus* (Coleoptera)
- Alcidodes dentipes* (Coleoptera)
- Araecerus vieillardii* (Coleoptera)
- Cylas femoralis* (Coleoptera)
- Cylas formicarius* (Coleoptera)
- Cylas formicarius elegantulus* (Coleoptera)
- Cylas puncticollis* (Coleoptera)
- Euscepes postfasciatus* (Coleoptera)
- Graptostethus servus* (Hemiptera)
- Megacerus contaminatus* (Coleoptera)

IRIS:

- Anuraphis tulipae* (Homoptera)
- Forficula auricularia* (Dermaptera)
- Ripersiella palestinae* (Homoptera)

IXORA:

- Pseudaonidia trilobitiformis* (Homoptera)
- Vinsonia stellifera* (Homoptera)

JASMINUM:

- Aonidiella inornata* (Homoptera)
- Asterolecanium pustulans* (Homoptera)
- Coccus viridis* (Homoptera)
- Dialeurodes kirkaldyi* (Homoptera)
- Trialeurodes vaporariorum* (Homoptera)

JUGLANS:

- Rhagoletis juglandis* (?) (Diptera)

JUNIPERUS:

- Cryptoparlatoria leucaspis* (Homoptera)
- Kaloterme bequaerti* (Isoptera)
- Lepidosaphes pallida* (Homoptera)

KERRIA:

- Allantus cinctus* (Hymenoptera)

LABURNUM:

- Sparteus villosus* (Coleoptera)

LAELIA:

- Aspidiotus spinosus* (Homoptera)
- Asterolecanium epidendri* (Homoptera)
- Chrysomphalus nigropunctatus* (Homoptera)
- Conchaspis angraeci* (Homoptera)
- Diorymerellus laevimargo* (Coleoptera)
- Ferrisiana virgata* (Homoptera)
- Glyphonyx praecox* (Coleoptera)
- Icerya similis* (Homoptera)
- Mordellistena cattleyana* (Coleoptera)
- Ogdoecosta biannularis* (Coleoptera)
- Pseudischinaspis alienus* (Homoptera)
- Puto mexicanus* (?) (Homoptera)
- Tenthecoris angustimarginatus* (Hemiptera)
- Tenthecoris confusus* (Hemiptera)

LATHYRUS:

- Bruchus affinis* (Coleoptera)
- Bruchus tristiculus* (Coleoptera)
- Bruchus tristis* (Coleoptera)
- Callosobruchus chinensis* (Coleoptera)
- Callosobruchus maculatus* (Coleoptera)
- Taeniothrips atratus* (Thysanoptera)

LAURUS:

- Trialeurodes lauri* (Homoptera)

LEERSIA:

- Chilo simplex* (?) (Lepidoptera)

LENS:

- Bruchus ervi* (Coleoptera)
- Bruchus lentis* (Coleoptera)
- Bruchus signaticornis* (Coleoptera)

LEUCADENDRON:

- "Chionaspis" leucadendri* (Homoptera)
- Pseudococcus trichilae* (Homoptera)

LEUCAENA:

- Pantomorus godmani* (Coleoptera)

LIBIDIBIA:

- Mimosestes dominicanus* (Coleoptera)

LILIUM:

- Brachyrhinus meridionalis* (Coleoptera)
- Liothrips vaneeckei* (Thysanoptera)
- Prodenia eridania* (Lepidoptera)
- Sitona humeralis* (Coleoptera)

LIMONIUM:

- Haplothrips gowdeyi* (Thysanoptera)

LITCHI:

- Dacus dorsalis* (Diptera)

LONCHOCARPUS:

- Dinoderus bifoveolatus* (Coleoptera)

LONICERA:

- Protopulvinaria pyriformis* (Homoptera)

LYCASTE:

- Aspidiotus palmarum* (Homoptera)
- Ferrisiana virgata* (Homoptera)

LYCOPERSICON:

- Aphanus umbrosus* (Hemiptera)
- Arvelius albopunctatus* (Hemiptera)
- Ceratitis capitata* (Diptera)
- Dacus cucurbitae* (Diptera)
- Dacus dorsalis* (Diptera)
- Dysdercus mimulus* (Hemiptera)
- Eucalandra setulosa* (Coleoptera)
- Euxesta annonae* (Diptera)
- Exptochiomeria oblonga* (Hemiptera)
- Jadera sanguinolenta* (Hemiptera)
- Ligyrocoris abdominalis* (Hemiptera)
- Ligyrocoris aurivilliana* (Hemiptera)
- Lineodes integra* (Lepidoptera)
- Liriomyza pusilla* (Diptera)
- Lygaeus vittiscutis* (Hemiptera)
- Myodocha longicollis* (Hemiptera)
- Neoleucinodes elegantalis* (Lepidoptera)
- Pachyzancla periusalis* (Lepidoptera)
- Platynota rostrana* (Lepidoptera)
- Platynota stultana* (Lepidoptera)
- Prodenia eridania* (Lepidoptera)
- Zabrotes subfasciatus* (Coleoptera)

LYCORIS:

- Taeniothrips gracilis* (Thysanoptera)

MACADAMIA:

- Clerada apicornis* (Hemiptera)

MAGNOLIA:

- Allantus cinctus* (Hymenoptera)

MALUS:

- Anastrepha ludens* (Diptera)
- Argyresthia conjugella* (Lepidoptera)
- Argyrotaenia franciscana* (?) (Lepidoptera)
- Ceratitis capitata* (Diptera)
- Ceroplastes ceriferus* (Homoptera)
- Chrysoclista atra* (Lepidoptera)
- Epidiaspis piricola* (Homoptera)
- Grapholitha molesta* (Lepidoptera)
- Parlatoria oleae* (Homoptera)
- Rhagoletis pomonella* (Diptera)

MAMMEA:

- Anastrepha ludens* (Diptera)
- Anastrepha serpentina* (Diptera)
- Aspidiotus destructor* (Homoptera)

MAMMILLARIA:

- Ferrisiana virgata* (Homoptera)
- Gerstaeckeria mutillaria* (Coleoptera)
- Sixeonotus luteiceps* (Hemiptera)

MANGIFERA:

- Anastrepha fraterculus* (Diptera)
- Anastrepha ludens* (Diptera)
- Anastrepha mombinpraeoptans* (Diptera)
- Ceratitis capitata* (Diptera)
- Cryptorhynchus mangiferae* (Coleoptera)
- Dacus dorsalis* (Diptera)

MESEMBRYANTHEMUM:

- Haplothrips gowdeyi* (Thysanoptera)

MESPILUS:

- Ceratitis capitata* (Diptera)
- Parlatoria oleae* (Homoptera)

MONSTERA:

- Chrysomphalus tenax* (Homoptera)
- Ferrisiana virgata* (Homoptera)

MUSA:

- Aonidiella inornata* (Homoptera)
- Aspidiotus destructor* (Homoptera)
- Aspidiotus palmarum* (Homoptera)
- Aspidiotus spinosus* (Homoptera)
- Chrysomphalus albopictus* (Homoptera)
- Chrysomphalus scutiformis* (Homoptera)
- Chrysomphalus umboniferus* (Homoptera)
- Cosmopolites sordidus* (Coleoptera)
- Dacus dorsalis* (Diptera)
- Furcaspis oceanica* (Homoptera)
- Lygaeus pulchellus* (Hemiptera)
- Metamasius sericeus* (Coleoptera)
- Nasutitermes corniger* (Isoptera)



MUSA—Continued

*Pachycoris torridus* (Hemiptera)  
*Platycarenum humilis* (Hemiptera)  
*Platycarenum notulatus* (Hemiptera)  
*Sibine stimulea* (Lepidoptera)  
*Stephanoderes lecontei* (Coleoptera)

MUSCARI:

*Exosoma lusitanica* (Coleoptera)

MYRISTICA:

*Stephanoderes buscki* (Coleoptera)

MYRTUS:

*Aleurothrixus myrtacei* (?) (Homoptera)

NARCISSUS:

*Forficula auricularia* (Dermaptera)  
*Lampetia equestris* (Diptera)  
*Sitona lineata* (Coleoptera)

NERIUM:

*Asterolecanium pustulans* (Homoptera)  
*Tetraleurodes mori* (Homoptera)

OCHROMA:

*Mimosestes dominicanus* (Coleoptera)

OCHROSIA:

*Dacus ochrosiae* (?) (Diptera)

ODONTOGLOSSUM:

*Furcaspis biformis* (Homoptera)  
*Megapenthes cinnamomus* (Coleoptera)  
*Tenthecoris vestitus* (Hemiptera)

OLEA:

*Dacus oleae* (Diptera)  
*Parlatoria oleae* (Homoptera)  
*Prays oleellus* (?) (Lepidoptera)

ONCIDIUM:

*Asterolecanium epidendri* (Homoptera)  
*Chrysomphalus umboniferus* (Homoptera)  
*Furcaspis biformis* (Homoptera)  
*Ligyrocoris abdominalis* (Hemiptera)  
*Neocattarus vegetus* (Hemiptera)  
*Tenthecoris vestitus* (Hemiptera)  
*Vinsonia stellifera* (Homoptera)

ONOBRYCHIS:

*Eurytoma onobrychidis* (Hymenoptera)

OPUNTIA:

*Ceratitis capitata* (Diptera)  
*Leucocera quinquepunctata* (Coleoptera)

ORCHID:

*Acroleucus vicinalis* (Hemiptera)  
*Adelocera longicornis* (Coleoptera)  
*Agonosoma trilineata* (Coleoptera)  
*Aleuroglandulus emmae* (Homoptera)  
*Amphicerus cornutus* (Coleoptera)  
*Anthonomus albolineatus* (Coleoptera)  
*Anthonomus incanus* (Coleoptera)  
*Asterolecanium epidendri* (Homoptera)  
*Attelabus corvinus* (Coleoptera)  
*Calligrapha argus* (Coleoptera)  
*Camirus conicus* (Hemiptera)  
*Chrysomphalus umboniferus* (Homoptera)  
*Cligenes delineata* (Hemiptera)  
*Coelosternus consputus* (Coleoptera)  
*Conchaspis angraeci* (Homoptera)  
*Crophius scabrosus* (Hemiptera)  
*Cryphula apicatus* (Hemiptera)  
*Deloyala guttata* (Coleoptera)  
*Diorymerellus laevimargo* (Coleoptera)  
*Eurytoma orchidearum* (Hymenoptera)  
*Eutornus congener* (Coleoptera)  
*Exptochiomera oblonga* (Hemiptera)  
*Exptochiomera tumens* (Hemiptera)  
*Ferrisiana virgata* (Homoptera)  
*Fulvius anthocorides* (Hemiptera)  
*Furcaspis biformis* (Homoptera)  
*Lepidosaphes tuberculata* (Homoptera)  
*Leucocera sexpunctata* (Coleoptera)  
*Lygaeus circumlinitus* (Hemiptera)  
*Lygaeus circumplicatus* (Hemiptera)  
*Lygaeus vittiscutis* (Hemiptera)  
*Madarus distigma* (Coleoptera)  
*Mecolaemus carvalhoi* (Hemiptera)  
*Monomorium destructor* (Hymenoptera)  
*Mordellistena cattleyana* (Coleoptera)  
*Mordellistena rufonotata* (Coleoptera)  
*Nasutitermes nigriceps* (Isoptera)  
*Nysius basalis* (Hemiptera)  
*Oedionychis lateralis* (Coleoptera)  
*Oedionychis transversalis* (Coleoptera)  
*Oosternum costatum* (Coleoptera)  
*Orchidophilus peregrinator* (Coleoptera)  
*Parlatoria pseudaspidotus* (Homoptera)

ORCHID—Continued

*Phatnoma annulipes* (Hemiptera)  
*Physonota humilis* (Coleoptera)  
*Plagioderia thymaloides* (Coleoptera)  
*Tenthecoris angustimarginatus* (Hemiptera)  
*Tenthecoris bicolor* (Hemiptera)  
*Tenthecoris confusus* (Hemiptera)  
*Tenthecoris distinctus* (Hemiptera)  
*Tenthecoris distinguendus* (Hemiptera)  
*Tenthecoris venezuelensis* (Hemiptera)  
*Trochuda raspa* (Lepidoptera)  
*Valtissus diversus* (Hemiptera)  
*Vinsonia stellifera* (Homoptera)  
*Zale sabena* (Lepidoptera)

ORNITHOGALUM:

*Haplothrips nigricornis* (Thysanoptera)  
*Taeniothrips simplex* (Thysanoptera)  
*Trionymus lounsburyi* (Homoptera)

ORYZA:

*Chilo simplex* (Lepidoptera)

PAEONIA:

*Athous niger* (Coleoptera)

PALM:

*Aleuroplatus cococolus* (Homoptera)  
*Aspidiotus destructor* (Homoptera)  
*Parlatoria pittospori* (Homoptera)

PASSIFLORA:

*Ceratitis capitata* (Diptera)  
*Iridomyrmex humilis* (Hymenoptera)

PASTINACA:

*Psila rosae* (Diptera)

PENNISETUM:

*Targionia sacchari* (Homoptera)

PENTZIA:

*Trupanea pentziana* (Diptera)

PERISTERIA:

*Conchaspis angraeci* (Homoptera)  
*Ferrisiana virgata* (Homoptera)

PERSEA:

*Anastrepha ludens* (Diptera)  
*Caulophilus latinasus* (Coleoptera)  
*Chrysomphalus albopictus* (Homoptera)  
*Chrysomphalus personatus* (Homoptera)  
*Conotrachelus aguacatae* (Coleoptera)  
*Conotrachelus perseae* (Coleoptera)  
*Cryptorhynchus mangiferae* (Coleoptera)  
*Dacus dorsalis* (Diptera)  
*Stenoma catenifer* (Lepidoptera)  
*Thamnophthorus schwarzi* (Coleoptera)

PETROSELINUM:

*Systole geniculata* (Hymenoptera)

PHALAENOPSIS:

*Ferrisiana virgata* (Homoptera)  
*Iridomyrmex humilis* (Hymenoptera)

PHASEOLUS:

*Callosobruchus analis* (Coleoptera)  
*Callosobruchus chinensis* (Coleoptera)  
*Callosobruchus maculatus* (Coleoptera)  
*Dacus cucurbitae* (?) (Diptera)  
*Epinotia opposita* (Lepidoptera)  
*Fundella pelluscens* (Lepidoptera)  
*Hercothrips phaseoli* (Thysanoptera)  
*Maruca testulalis* (Lepidoptera)  
*Zabrotes subfasciatus* (Coleoptera)

PHILODENDRON:

*Aspidiotus diffinis* (Homoptera)  
*Aspidiotus palmarum* (Homoptera)  
*Chrysomphalus albopictus* (Homoptera)  
*Chrysomphalus tenax* (Homoptera)  
*Lepidosaphes carinata* (Homoptera)  
*Pinnaspis buxi* (Homoptera)  
*Pseudischnaspis alienus* (Homoptera)

PHLOX:

*Agallia quadripunctata* (Homoptera)  
*Thrips flavus* (Thysanoptera)

PHOENIX:

*Coccotrypes dactyliperda* (Coleoptera)  
*Myelois ceratoniae* (Lepidoptera)

PHYSALIS:

*Gnorimoschema lavernella* (Lepidoptera)  
*Rhagoletis striatella* (Diptera)

PHYTELEPHAS:

*Coccotrypes dactyliperda* (Coleoptera)

PICEA:

*Callidum violaceum* (Coleoptera)  
*Hylurgops palliatus* (Coleoptera)  
*Ips typographus* (Coleoptera)  
*Pityogenes chalcographus* (Coleoptera)



PICEA—Continued

*Pogonocherus fasciculatus* (Coleoptera)

PIMPINELLA:

*Pantomorus godmani* (Coleoptera)

PINUS:

*Acanthocinus aedilis* (Coleoptera)

*Blastophagus piniperda* (Coleoptera)

*Callidium violaceum* (Coleoptera)

*Hylurgops palliatus* (Coleoptera)

*Ips sexdentatus* (Coleoptera)

*Ips typographus* (Coleoptera)

*Kaloterms bequaerti* (Isoptera)

*Lema melanopa* (Coleoptera)

*Leucaspis candida* (Homoptera)

*Pityogenes bidentatus* (Coleoptera)

*Pityogenes chalcographus* (Coleoptera)

"*Poliaspis*" *pini* (Homoptera)

*Pseudococcus pini* (Homoptera)

*Ptochoryctis tsugensis* (?) (Lepidoptera)

PISTACIA:

*Lepidosaphes pistaciae* (Homoptera)

PISUM:

*Bruchus emarginatus* (Coleoptera)

*Callosobruchus chinensis* (Coleoptera)

*Callosobruchus maculatus* (Coleoptera)

*Laspeyresia nigricana* (Lepidoptera)

*Neodryocoetes guianae* (Coleoptera)

PITTOSPORUM:

*Pulvinaria psidii* (Homoptera)

PLUMERIA:

*Aspidiotus herculeanus* (Homoptera)

*Asterolecanium pustulans* (Homoptera)

*Haplothrips gowdeyi* (Thysanoptera)

*Pseudaonidia clavigera* (Homoptera)

POINCIANA:

*Stephanoderes lecontei* (Coleoptera)

POLIANTHES:

*Frankliniella bratleyi* (Thysanoptera)

POPULUS:

*Dryophthorus corticalis* (Coleoptera)

PORTULACA:

*Celerio lineata* (Lepidoptera)

*Dicrepidius corvinus* (Coleoptera)

*Loxostege bifidialis* (Lepidoptera)

*Loxostege similalis* (Lepidoptera)

PRIMULA:

*Phragmatobia fuliginosa* (Lepidoptera)

PROSOPIS:

*Algarobius ceratioborus* (Coleoptera)

*Algarobius prosopis* (Coleoptera)

*Rhipibruchus leiboldi* (Coleoptera)

*Rhipibruchus picturatus* (Coleoptera)

PROTEA:

*Ananca hottentota* (Coleoptera)

*Antestia variegata* (Hemiptera)

*Antestia variegata lineaticollis* (Hemiptera)

*Homothrips distinctus* (Thysanoptera)

*Iridomyrmex humilis* (Hymenoptera)

PRUNUS ARMENIACA:

*Ceratitidis capitata* (Diptera)

*Nilotaspis halli* (Homoptera)

*Parlatoria oleae* (Homoptera)

PRUNUS DOMESTICA:

*Ceratitidis capitata* (Diptera)

*Chionaspis asiatica* (Homoptera)

*Epidiaspis piricola* (Homoptera)

*Iridomyrmex humilis* (Hymenoptera)

*Megalometis chiliensis* (Coleoptera)

*Nilotaspis halli* (Homoptera)

*Parlatoria oleae* (Homoptera)

PRUNUS PADUS:

*Anthonomus rectirostris* (Coleoptera)

PRUNUS PERSICA:

*Anastrepha ludens* (Diptera)

*Ceratitidis capitata* (Diptera)

*Grapholitha molesta* (Lepidoptera)

*Nilotaspis halli* (Homoptera)

*Parlatoria oleae* (Homoptera)

PRUNUS PERSICA NECTARINA:

*Iridomyrmex humilis* (Hymenoptera)

*Megalometis chiliensis* (Coleoptera)

*Nysius simulans* (Hemiptera)

PRUNUS MUME (?):

*Parlatoria theae* (Homoptera)

PRUNUS SP. (cherry):

*Leucaspis archangelskyae* (Homoptera)

*Mineola indigenella* (Lepidoptera)

*Rhagoletis cerasi* (Diptera)

PSIDIUM:

*Anastrepha mombinpraeoptans* (Diptera)

*Anastrepha suspensa* (Diptera)

*Ceratitidis capitata* (Diptera)

*Coccus viridis* (Homoptera)

*Dacus dorsalis* (Diptera)

*Tetraleurodes mori* (Homoptera)

PUERARIA:

*Callosobruchus ademptus* (Coleoptera)

PUNICA:

*Anastrepha ludens* (Diptera)

*Ceratitidis capitata* (Diptera)

*Chionaspis asiatica* (Homoptera)

*Cryptoblabes gnidiella* (Lepidoptera)

*Forficula auricularia* (Dermaptera)

PYRUS:

*Anastrepha ludens* (Diptera)

*Ceratitidis capitata* (Diptera)

*Epidiaspis piricola* (Homoptera)

*Grapholitha molesta* (Lepidoptera)

*Lepidosaphes conchiformis* (Homoptera)

*Leucaspis archangelskyae* (Homoptera)

*Monomorium destructor* (Hymenoptera)

*Parlatoria oleae* (Homoptera)

*Phyllotreta cruciferae* (Coleoptera)

QUERCUS:

*Andricus glandium* (Hymenoptera)

*Callirhytis sonoreae* (Hymenoptera)

*Conotrachelus integer* (Coleoptera)

*Curculio q-griseae* (Coleoptera)

*Parlatoria oleae* (Homoptera)

*Scolytus intricatus* (Coleoptera)

RAPHANUS:

*Baris coerulescens* (Coleoptera)

*Cyrtopeltis varians* (Hemiptera)

*Lixus ascanii* (Coleoptera)

RENANTHERA:

*Vinsonia stellifera* (Homoptera)

RHODODENDRON:

*Ceroplastes japonicus* (Homoptera)

*Dalopius marginatus* (Coleoptera)

*Dialeurodes chittendeni* (Homoptera)

*Gracilaria azaleella* (Lepidoptera)

*Pachybrachius luridus* (Hemiptera)

*Sitona lineata* (Coleoptera)

*Stephanitis pyrioides* (Hemiptera)

*Vesiculaphis caricis* (Homoptera)

RIBES:

*Brachyrhinus sulcatus* (Coleoptera)

RORIPPA:

*Evergestis rimosalis* (Lepidoptera)

ROSA:

*Chaetocnema concinna* (Coleoptera)

*Cryptocephalus krugii* (Coleoptera)

*Frankliniella insularis* (Thysanoptera)

*Lema opulenta* (Coleoptera)

*Parlatoria theae* (Homoptera)

*Rhagoletis alternata* (Diptera)

*Sitona humeralis* (Coleoptera)

*Taeniothrips atratus* (Thysanoptera)

*Thrips flavus* (Thysanoptera)

*Tetraleurodes vaporariorum* (Homoptera)

ROSMARINUS:

*Chrysomela americana* (Coleoptera)

RUDBECKIA:

*Thrips flavus* (Thysanoptera)

*Thrips fuscipennis* (Thysanoptera)

SABAL:

*Coccotrypes dactyliperda* (Coleoptera)

SACCHARUM:

*Diatraea saccharalis* (Lepidoptera)

*Rhabdoscelus obscurus* (Coleoptera)

*Stephanoderes lecontei* (Coleoptera)

"*Targionia*" *sacchari* (Homoptera)

*Tomaspis postica* (Homoptera)

SALIX:

*Aglossa cuprealis* (Lepidoptera)

*Lepidosaphes kuwacola* (Homoptera)

*Lepidosaphes yanagicola* (Homoptera)

*Pityophthorus sambuci* (Coleoptera)

SAMBUCUS:

*Micrapate labialis* (Coleoptera)

SAPOTE:

*Anastrepha ludens* (Diptera)

*Anastrepha serpentina* (Diptera)

SCHEFFLERA:

*Dactylotrypes uytenboogaarti* (Coleoptera)



SECHIUM:

*Diaphania nitidalis* (Lepidoptera)

SELAGINELLA:

*Lema confusa* (Coleoptera)

SERJANIA:

*Dinoderus bifoveolatus* (Coleoptera)

SESBANIA:

*Acanthoscelides griseolus* (Coleoptera)

SOIL:

*Athous haemorrhoidalis* (Coleoptera)

*Athous subfuscus* (Coleoptera)

*Athous vittatus* (Coleoptera)

*Barynotus moerens* (Coleoptera)

*Bibio johannis* (Diptera)

*Brachyrhinus sulcatus* (Coleoptera)

*Cephalocteus scarabaeoides* (Hemiptera)

*Dalopius marginatus* (Coleoptera)

*Deraeocoris lutescens* (Hemiptera)

*Forficula auricularia* (Dermaptera)

*Gastrophysa viridula* (Coleoptera)

*Hydrothassa marginella* (Coleoptera)

*Iridomyrmex humilis* (Hymenoptera)

*Mecinus pyraister* (Coleoptera)

*Paracardiophorus pauper* (Coleoptera)

*Saldula saltatoria* (Hemiptera)

*Scolopostethus affinis* (Hemiptera)

*Trapezonotus arenarius* (Hemiptera)

SOLANUM ACULEATISSIMUM:

*Dacus dorsalis* (Diptera)

SOLANUM MELONGENA:

*Heteroderes laurentii* (Coleoptera)

*Neoleucinodes elegantalis* (Lepidoptera)

*Pheidole megacephala* (Hymenoptera)

*Trichobaris mucorea* (Coleoptera)

SOLANUM TUBEROSUM:

*Epicaerus cognatus* (Coleoptera)

*Gnorimoschema plaesiosema* (Lepidoptera)

*Premnotrypes fractirostris* (Coleoptera)

*Premnotrypes solani* (Coleoptera)

*Premnotrypes vorax* (Coleoptera)

SORGHUM:

*Diatraea saccharalis* (Lepidoptera)

*Iridomyrmex humilis* (Hymenoptera)

*Pyrausta nubilalis* (Lepidoptera)

*Sesamia cretica* (Lepidoptera)

*Sesamia vuteria* (Lepidoptera)

SPARTIUM:

*Sparteus villosus* (Coleoptera)

SPATHOGLOTTIS:

*Ferrisiana virgata* (Homoptera)

SPHAGNUM:

*Chaetocnema hortensis* (Coleoptera)

SPONDIAS:

*Anastrepha mombinpraeoptans* (Diptera)

*Dacus dorsalis* (Diptera)

STAPELIA:

*"Chionaspis" indigoferae* (Homoptera)

STERNBERGIA:

*Ripersiella palestinae* (Homoptera)

STRELITZIA:

*Adoretus sinicus* (Coleoptera)

*Ferrisiana virgata* (Homoptera)

*Phenacaspis sandwicensis* (Homoptera)

SYRINGA:

*Dialeurodes kirkaldyi* (Homoptera)

SYZYGIUM:

*Pulvinaria psidii* (Homoptera)

TAGETES:

*Haplothrips gowdeyi* (Thysanoptera)

TAMARINDUS:

*Caryedon fuscus* (Coleoptera)

*Chrysomphalus scutiformis* (Homoptera)

TERMINALIA:

*Dacus dorsalis* (Diptera)

TETRAGONIA:

*Piezodorus purus* (Hemiptera)

TILIA:

*Ernopus tiliae* (Coleoptera)

*Iridomyrmex humilis* (Hymenoptera)

*Oxycarenus lavatae* (Hemiptera)

TILLANDSIA:

*Quichuana calathea* (Diptera)

*Tychius inermis* (Coleoptera)

TRIPTERIS:

*Ensina hyalipennis* (Diptera)

*Ensina ignobilis* (Diptera)

TRITICUM:

*Aglossa cuprealis* (Lepidoptera)

TULIPA:

*Anuraphis tulipae* (Homoptera)

*Forficula auricularia* (Dermaptera)

*Rhopalosiphoninus tulipaellus* (Homoptera)

ULMUS:

*Lygus oblineatus* (Hemiptera)

*Pteleobius vittatus* (Coleoptera)

VANDA:

*Athesapeuta cyperi* (Coleoptera)

*Eutreta xanthochaeta* (Diptera)

*Heteroglymma alata* (Coleoptera)

*Leucaspis cockerelli* (Homoptera)

*Monomorium destructor* (Hymenoptera)

*Parlatoria pseudaspidotus* (Homoptera)

*Taeniothrips gracilis* (Thysanoptera)

*Thrips hawaiiensis* (Thysanoptera)

VANILLA:

*Protopulvinaria pyriformis* (Homoptera)

VICIA:

*Aoromius quinquepunctatus* (Coleoptera)

*Apion pomonea* (Coleoptera)

*Bruchidius incarnatus* (Coleoptera)

*Bruchidius quinqueguttatus* (Coleoptera)

*Bruchus affinis* (Coleoptera)

*Bruchus atomarius* (Coleoptera)

*Bruchus dentipes* (Coleoptera)

*Bruchus ervi* (Coleoptera)

*Bruchus guttalis* (Coleoptera)

*Bruchus hamatus* (Coleoptera)

*Bruchus luteicornis* (Coleoptera)

*Bruchus rufipes* (Coleoptera)

*Bruchus tristiculus* (Coleoptera)

*Bruchus tristis* (Coleoptera)

*Bruchus ulicis* (Coleoptera)

*Callosobruchus chinensis* (Coleoptera)

VIGNA:

*Acanthoscelides obreptus* (Coleoptera)

*Callosobruchus chinensis* (Coleoptera)

*Callosobruchus maculatus* (Coleoptera)

VITIS:

*Anastrepha fraterculus* (?) (Diptera)

*Aphanus saturnius* (Hemiptera)

*Ceratitis capitata* (Diptera)

*Cryptoblabes gnidiella* (Lepidoptera)

*Iridomyrmex humilis* (Hymenoptera)

*Leptoglossus chilensis* (Hemiptera)

*Phlyctinus callosus* (Coleoptera)

*Polycanon chiliensis* (Coleoptera)

*Polychrosis botrana* (Lepidoptera)

*Pulvinaria innumerabilis* (Homoptera)

*Sitona humeralis* (Coleoptera)

*Targionia vitis* (Homoptera)

WEIGELA:

*Allantus cinctus* (Hymenoptera)

ZANTEDESCHIA(?):

*Ceroplastes rubens* (Homoptera)

ZEA:

*Celerio lineata* (Lepidoptera)

*Diatraea saccharalis* (Lepidoptera)

*Euxesta stigmatias* (Diptera)

*Lygus oblineatus* (Hemiptera)

*Moodna bisinuella* (Lepidoptera)

*Prostephanus truncatus* (Coleoptera)

*Pyrausta nubilalis* (Lepidoptera)

ZINGIBER:

*Amorbia emigratella* (Lepidoptera)

*Dacus dorsalis* (Diptera)

ZINNIA:

*Diaprepes famelicus* (Coleoptera)

*Prodenia ornithogalli* (Lepidoptera)

Hosts unknown

AIRPLANE:

*Adoretus sinicus* (Coleoptera)

*Aeolus pulchellus* (Coleoptera)

*Araecerus vieillardii* (Coleoptera)

*Chaetoclusia bakeri* (Diptera)

*Dacus dorsalis* (Diptera)

*Diaprepes abbreviatus* (Coleoptera)

*Jadera sanguinolenta* (Hemiptera)

*Malacorhinus tripunctatus* (Coleoptera)

*Melanoxanthus melanocephalus* (Coleoptera)

*Nysius dallasi* (Hemiptera)

*Tomoplagia obliqua* (Diptera)

*Zabrotes subfasciatus* (Coleoptera)



**BAGGAGE:**

*Adoretus sinicus* (Coleoptera)  
*Forficula auricularia* (Dermaptera)

**BARK:**

*Hylurgops palliatus* (Coleoptera)  
*Ips typographus* (Coleoptera)  
*Pityogenes chalcographus* (Coleoptera)  
*Pityophthorus sambuci* (Coleoptera)

**BEAN:**

*Bruchus tristis* (Coleoptera)  
*Callosobruchus chinensis* (Coleoptera)  
*Callosobruchus maculatus* (Coleoptera)  
*Zabrotes subfasciatus* (Coleoptera)

**CLOTH:**

*Forficula auricularia* (Dermaptera)

**COTYLEDON:**

"*Chionaspis*" *indigoferae* (Homoptera)

**EXCELSIOR:**

*Forficula auricularia* (Dermaptera)

**FLOWER:**

*Amorbia emigratella* (Lepidoptera)  
*Pantomorus godmani* (Coleoptera)  
*Sizeonotus luteiceps* (Hemiptera)  
*Taeniothrips hawaiiensis* (Thysanoptera)

**GRAIN:**

*Bruchus affinis* (Coleoptera)  
*Callosobruchus chinensis* (Coleoptera)

**GRAMINEAE:**

*Targionia sacchari* (Homoptera)

**"GRAMME":**

*Callosobruchus chinensis* (Coleoptera)

**GRASS & WEED ROOT IN SOIL:**

*Brachyrrhinus singularis* (Coleoptera)

**HAY:**

*Nymphalis urticae* (Lepidoptera)

**HERB:**

*Diaphania hyalinata* (Lepidoptera)  
*Iridomyrmex humilis* (Hymenoptera)  
*Trialeurodes vaporariorum* (Homoptera)

**LEAF:**

*Iridomyrmex humilis* (Hymenoptera)  
*Tetraleurodes mori* (Homoptera)  
*Trioza anceps* (Homoptera)

**LEGUME:**

*Acanthoscelides spinipes* (Coleoptera)  
*Bruchus rufipes* (Coleoptera)  
*Bruchus tristis* (Coleoptera)  
*Callosobruchus chinensis* (Coleoptera)  
*Callosobruchus maculatus* (Coleoptera)  
*Sinoxylon sexdentatum* (Coleoptera)

**LOG:**

*Coelosternus consputus* (Coleoptera)  
*Draeculacephala clypeata* (Homoptera)  
*Nasutitermes corniger* (Isoptera)  
*Physorhinus distigma* (Coleoptera)  
*Platypus rugulosus* (Coleoptera)  
*Xyleborus affinis* (Coleoptera)

**PACKING:**

*Fulvius albomaculatus* (Hemiptera)

**PARCEL POST:**

*Oxydema longulum* (Coleoptera)

**PLANT:**

*Artipus floridanus* (Coleoptera)  
*Aspidiotus destructor* (Homoptera)  
*Aspidiotus excisus* (Homoptera)  
*Coccus viridis* (Homoptera)  
*Forficula auricularia* (Dermaptera)  
*Pachyzancla bipunctalis* (Lepidoptera)  
*Sizeonotus luteiceps* (Hemiptera)

**RAILWAY CAR:**

*Pectinophora gossypiella* (Lepidoptera)

**RETURNED WAR EQUIPMENT:**

*Achatina fulica* (Mollusca)

**SEED:**

*Callosobruchus chinensis* (Coleoptera)  
*Coccotrypes pygmaeus* (Coleoptera)

**SEED POD:**

*Ferrisiana virgata* (Homoptera)  
*Stephanoderes lecontei* (Coleoptera)

**SHRUB:**

"*Chionaspis*" *indigoferae* (Homoptera)

**SOD:**

*Ctenicera aeneus* (Coleoptera)

**SUCCULENT:**

"*Chionaspis*" *exalbida* (Homoptera)

**UNKNOWN:**

*Myllocerus hilleri* (Coleoptera)

**VEGETABLES:**

*Lygus oblineatus* (Hemiptera)

**VINE:**

*Exillis longicornis* (Coleoptera)

**WOOD:**

*Acanthocinus aedilis* (Coleoptera)  
*Amphicerus cornutus* (Coleoptera)  
*Blastophagus piniperda* (Coleoptera)  
*Callidium violaceum* (Coleoptera)  
*Cryptotermes brevis* (Isoptera)  
*Dinoderus brevis* (Coleoptera)  
*Dysides obscurus* (Coleoptera)  
*Forficula auricularia* (Dermaptera)  
*Heterobostrychus aequalis* (Coleoptera)  
*Ips sexdentatus* (Coleoptera)  
*Micrapate labialis* (Coleoptera)  
*Nasutitermes corniger* (Isoptera)  
*Nasutitermes luzonicus* (Isoptera)  
*Orthotomicus laricis* (Coleoptera)  
*Pityogenes chalcographus* (Coleoptera)  
*Renocis mexicanus* (Coleoptera)  
*Sinoxylon anale* (Coleoptera)  
*Sinoxylon conigerum* (Coleoptera)  
*Sinoxylon sexdentatum* (Coleoptera)  
*Xylothrips flavipes* (Coleoptera)

**WOODS MOSS:**

*Acalypta parva* (Hemiptera)  
*Acalypta parvula* (Hemiptera)  
*Agallia quadripunctata* (Homoptera)  
*Agalliopsis novella* (Homoptera)  
*Cassida nebulosa* (Coleoptera)  
*Catoplatus fabricii* (Hemiptera)  
*Conchaspis angraeci* (Homoptera)  
*Dalopius marginatus* (Coleoptera)  
*Drymus sylvaticus* (Hemiptera)  
*Hypera nigrirostris* (Coleoptera)  
*Newsteadia floccosa* (Homoptera)  
*Platythrips tunicatus* (Thysanoptera)  
*Strophosoma melanogramma* (Coleoptera)  
*Trapezonotus arenarius* (Hemiptera)

*Countries of origin and insects*

**AFGHANISTAN:**

*Chionaspis asiatica*  
*Leucaspis archangelskyae*  
*Parlatoria oleae*

**ALGERIA:**

*Ceratitis capitata*  
*Lepidosaphes ficus*  
*Parlatoria zizyphus*  
*Psila rosae*  
*Sinoxylon sexdentatum*

**AMERICAN SAMOA:**

*Rhabdoscelus obscurus*

**AMERICAN VIRGIN ISLANDS:**

*Cylas formicarius elegantulus*  
*Euscepes postfasciatus*  
*Pectinophora gossypiella*  
"*Targionia*" *hartii*

**ARGENTINA:**

*Algarobius ceratioborus*  
*Anastrepha fraterculus* (?)  
*Ceratitis capitata*  
*Diaphania nitidalis*  
*Diatraea saccharalis*  
*Grapholitha molesta*  
*Lygus fraudulentus*  
*Phelomerus germaini*  
*Pseudaonidia trilobitiformis*  
*Rhipibruchus leiboldi*  
*Rhipibruchus picturatus*  
*Unaspis citri*  
*Zabrotes subfasciatus*

**AUSTRALIA:**

*Aonidiella citrina*  
*Araecerus vieillardii*  
*Doratifera oxleyi*  
*Lepidosaphes tuberculata*  
*Parlatoria zizyphus*  
*Pinnaspis buxi*  
*Xylosandrus morigerus*

**AUSTRIA:**

*Anthonomus rectirostris*  
*Rhagoletis alternata* (?)  
*Sparteus villosus*



**AZORES:**

*Aglossa cuprealis*  
*Brachyrhinus sulcatus*  
*Ceratitis capitata*  
*Dacus oleae*  
*Iridomyrmex humilis*  
*Pantomorus godmani*

**BAHAMAS:**

*Ancylostomia stercorea*  
*Artipus floridanus*  
*Asterolecanium pustulans*  
*Coccus viridis*  
*Ferrisiana virgata*  
*Lepidosaphes tokionis*  
*Monomorium destructor*

**BARBADOS:**

*Callosobruchus maculatus*  
*"Targionia" hartii*

**BATAVIA:**

*Parlatoria pseudaspidiotus*

**BELGIUM:**

*Anuraphis tulipae*  
*Bruchus luteicornis*  
*Ctenicera aeneus*  
*Dalopius marginatus*  
*Lepidosaphes tuberculata*  
*Phytomyza atricornis*  
*Pityogenes chalcographus*  
*Psila rosae*

**BERMUDA:**

*Anastrepha mombinpraeoptans*  
*Anuraphis tulipae*  
*Diaprepes famelicus*  
*Kaloterms bequaerti*  
*Prodenia eridania*  
*Protopulvinaria pyriformis*  
*Pulvinaria psidii*

**BINTAN ISLAND:**

*Ferrisiana virgata*

**BRAZIL:**

*Acanthoscelides armitagei*  
*Aleurothrixus myrtacei* (?)  
*Anastrepha fraterculus*  
*Asterolecanium epidendri*  
*Ceratitis capitata*  
*Chrysomphalus personatus*  
*Coccotrypes pygmaeus*  
*Diabrotica speciosa*  
*Diaphania nitidalis*  
*Dinoderus bifoveolatus*  
*Dysides obscurus*  
*Epinotia opposita*  
*Eurytoma orchidearum*  
*Euscepes postfasciatus*  
*Furcaspis biformis*  
*Gymnandrosoma aurantianum*  
*Maruca testulalis*  
*Mecolaemus carvalhoi*  
*Mordellistena cattleyana*  
*Morganella longispina*  
*Neoleucinodes elegantalis*  
*Pachyzancla periusalis*  
*Parlatoria cinerea*  
*Pectinophora gossypiella*  
*Pseudaonidia trilobitiformis*  
*Stenoma catenifer*  
*Stephanoderes hampei*  
*Tenthecoris bicolor*  
*Unaspis citri*

**BRITISH COLUMBIA:**

*Dialeurodes chittendeni*  
*Thrips trehernei*

**BRITISH GUIANA:**

*Asterolecanium bambusae*  
*Callosobruchus chinensis*  
*Furcaspis biformis*  
*Neodryocoetes guianae*

**BRITISH HONDURAS:**

*Myelois notatalis*

**BRITISH WEST INDIES:**

*Callosobruchus chinensis*  
*Lepidosaphes tokionis*  
*Parlatoria cinerea*  
*Stenoma catenifer*  
*Stephanoderes busck*  
*Targionia hartii*

**CANADA:**

*Agallia quadripunctata*  
*Agalliopsis novella*  
*Gastrodes pacificus*  
*Lygus elisus*  
*Lygus oblineatus*  
*Pyrausta nubilalis*

**CANAL ZONE:**

*Acanthoscelides armitagei*  
*Agonosoma trilineata*  
*Aspidiotus destructor*  
*Asterolecanium epidendri*  
*Callosobruchus maculatus*  
*Chrysomphalus umboniferus*  
*Conchaspis angraeci*  
*Ferrisiana virgata*  
*Furcaspis biformis*  
*Mimosestes dominicanus*  
*Neocattarus vegetus*  
*Physorhinus distigma cephalicus*  
*Protopulvinaria longivalvata*  
*Protopulvinaria pyriformis*  
*Pseudaonidia trilobitiformis*  
*Pseudischnaspis acephala*  
*Tenthecoris distinctus*  
*Vinsonia stellifera*

**CAPE OF GOOD HOPE:**

*Taeniothrips simplex*

**CAPE VERDE ISLANDS:**

*Ceratitis capitata*

**CEYLON:**

*Heterobostrychus aequalis*  
*Sinoxylon conigerum*  
*Xylothrips flavipes*

**CHILE:**

*Algarobius ceratioborus*  
*Anastrepha fraterculus* (?)  
*Dinoderus bifoveolatus*  
*Epidiaspis piricola*  
*Iridomyrmex humilis*  
*Leptoglossus chilensis*  
*Megalometis chiliensis*  
*Nysius simulans*  
*Polycyon chiliensis*

**CHINA:**

*Aspidiotus degeneratus*  
*Callosobruchus chinensis*  
*Chilo simplex*  
*Coccus viridis*  
*Coptosoma cribraria*  
*Dialeurodes citri*  
*Dialeurodes kirkaldyi*  
*Lepidosaphes tuberculata*  
*Liothrips vaneeckei*  
*Parlatoria camelliae*  
*Parlatoria zizyphus*  
*Taeniothrips gracilis*  
*"Targionia" hartii*  
*Xylopsocus capucinus*

**COLOMBIA:**

*Aspidiotus diffinis*  
*Clerada apicornis*  
*Diaphania nitidalis*  
*Eurytoma orchidearum*  
*Euscepes postfasciatus*  
*Furcaspis biformis*  
*Mimosestes dominicanus*  
*Monomorium destructor*  
*Mordellistena cattleyana*  
*Stenoma catenifer*  
*Tenthecoris exitiosus*  
*Termes hispaniolae*

**COSTA RICA:**

*Anastrepha ludens*  
*Anastrepha mombinpraeoptans*  
*Aspidiotus destructor*  
*Aspidiotus palmarum*  
*Asterolecanium epidendri*  
*Calligrapha elegantula*  
*Chrysomphalus albopictus*  
*Chrysomphalus nigropunctatus*  
*Chrysomphalus personatus*  
*Chrysomphalus scutiformis*  
*Chrysomphalus umboniferus*  
*Conotrachelus perseae*  
*Draeculacephala clypeata*  
*Ferrisiana virgata*  
*Furcaspis biformis*



COSTA RICA—Continued

*Lygaeus vittiscutis*  
*Metamasius sericeus*  
*Nasutitermes corniger*  
*Ozophora consanguineus*  
*Parlatoria cinerea*  
*Physorhinus distigma*  
*Pinnaspis buxi*  
*Platycarenum humilis*  
*Platypus rugulosus*  
*Pseudischinaspis alienus*  
*Pseudoparlatoria ostreata*  
*Sibine stimulea*  
*Tenthecoris distinguendus*  
*Xyleborus affinis*

CUBA:

*Aleurotrachelus trachoides*  
*Anastrepha mombinpraeoptans*  
*Anastrepha suspensa*  
*Aspidiotus destructor*  
*Coccus viridis*  
*Conchaspis angraeci*  
*Crocidosema plebeiana*  
*Cylas formicarius elegantulus*  
*Diaphania hyalinata*  
*Diaphania nitidalis*  
*Hellula phidilealis*  
*Hercothrips phaseoli*  
*Heteroderes laurentii*  
*Leucocera serripunctatus*  
*Maruca testulalis*  
*Pheidole megacephala*  
*Platynota rostrana*  
*Protopulvinaria pyriformis*  
*Psila rosae*  
*Pulvinaria psidii*  
*Ribua innoxia*  
*Taeniothrips simplex*  
*"Targionia" bromiliae*  
*Zabrotes subfasciatus*

CYPRUS:

*Ceratitis capitata*

CZECHOSLOVAKIA:

*Aspidiotus abietis*  
*Hylurgops palliatus*  
*Ips typographus*

DENMARK:

*Chaetocnema hortensis*  
*Gelechia ericetella*  
*Lema melanopa*  
*Psila rosae*  
*Thrips flavus*  
*Thrips fuscipennis*

DOMINICAN REPUBLIC:

*Anastrepha fraterculus*  
*Anastrepha mombinpraeoptans*  
*Ancylostomia stercorea*  
*Cryptocephalus krugii*  
*Cylas formicarius elegantulus*  
*Diaphania nitidalis*  
*Frankliniella insularis*  
*Maruca testulalis*

ECUADOR:

*Metamasius sericeus*  
*Premnotrypes vorax*  
*Stenoma catenifer*

EGYPT:

*Bruchidius incarnatus*  
*Callosobruchus maculatus*  
*Ceratitis capitata*  
*Cryptoblabes gnidiella*  
*Haplothrips cottei*  
*Lixus junci*  
*Pectinophora gossypiella*

ENGLAND:

*Anuraphis helichrysi*  
*Anuraphis tulipae*  
*Athous haemorrhoidalis*  
*Barynotus moerens*  
*Dalopius marginatus*  
*Euleia heraclei*  
*Evergestis forficalis*  
*Forficula auricularia*  
*Gastrophysa viridula*  
*Laspeyresia splendana*  
*Leperisinus frazzini*  
*Lepidosaphes tuberculata*  
*Megasternum boletophagum*

ENGLAND—Continued

*Newsteadia floccosa*  
*Phragmatobia fuliginosa*  
*Platythrips tunicatus*  
*Polia oleracea*  
*Psila rosae*  
*Pteleobius vittatus*  
*Scolopostethus affinis*  
*Scolytus intricatus*  
*Thrips flavus*  
*Thrips nigropilosus*  
*Trialeurodes vaporariorum*  
*Zabrotes subfasciatus*

EUROPE:

*Haplothrips cottei*

FIJI ISLANDS:

*Cylas formicarius* var.  
*Euscepes postfasciatus*

FINLAND:

*Callidium violaceum*  
*Pityogenes chalcographus*

FORMOSA:

*Parlatoria cinerea*  
*Parlatoria zizyphus*

FRANCE:

*Acalypta parva*  
*Acalypta parvula*  
*Acrolepis assectella*  
*Anuraphis tulipae*  
*Aoromius quinquepunctatus*  
*Apion carduorum*  
*Apion pomonae*  
*Athous subfuscus*  
*Athous vittatus*  
*Baris ocerulescens*  
*Bibio johannis*  
*Brachyrhinus meridionalis*  
*Bruchus affinis*  
*Bruchus guttalis*  
*Bruchus luteicornis*  
*Bruchus rufipes*  
*Catoplatus fabricii*  
*Ceratitis capitata*  
*Dactylotrypes uytenboogaarti*  
*Deraeocoris lutescens*  
*Epidiaspis piricola*  
*Ernoporos tiliae*  
*Grapholitha molesta*  
*Iridomyrmex humilis*  
*Laspeyresia splendana*  
*Lixus ascanii*  
*Mamestra brassicae*  
*Myzus ascalonicus*  
*Newsteadia floccosa*  
*Phyllotreta cruciferae*  
*Polychrosis botrana*  
*Psila rosae*  
*Pulvinaria innumerabilis*  
*Pyrausta nubilalis*  
*Rhagoletis cerasi*  
*Sesamia cretica*  
*Tetraleurodes hederæ*  
*Thrips angusticeps*  
*Trapezonotus arenarius*

GERMANY:

*Blastophagus piniperda*  
*Callidium violaceum*  
*Cassida nebulosa*  
*Chaetocnema concinna*  
*Hylurgops palliatus*  
*Hypera nigrirostris*  
*Ips typographus*  
*Laspeyresia splendana*  
*Leucaspis candida*  
*Pityogenes bidentatus*  
*Pityogenes chalcographus*  
*Rhagoletis cerasi*  
*Strophosoma melanogramma*  
*Thrips flavus*  
*Trapezonotus arenarius*

GREECE:

*Aspidiotus spinosus*  
*Callosobruchus maculatus*  
*Ceratitis capitata*  
*Cryptoblabes gnidiella*  
*Haplothrips cottei*  
*Parlatoria oleae*



GUAM:

*Achatina fulica*  
*Dacus ochrosiae* (?)  
*Ferrisiana virgata*  
 "Lepidosaphes" esakii  
*Lepidosaphes tubulorum* (?)  
*Targionia sacchari*

GUATEMALA:

*Acanthoscelides armitagei*  
*Anastrepha ludens*  
*Anastrepha mombinpraeoptans*  
*Anastrepha serpentina*  
*Aspidiotus destructor*  
*Chrysomphalus albopictus*  
*Chrysomphalus tenax*  
*Cligenes delineata*  
*Coccus pseudohesperidum*  
*Conotrachelus perseae*  
*Euxesta stigmatias*  
*Ferrisiana virgata*  
*Furcaspis biformis*  
*Ligyrocoris abdominalis*  
*Lygaeus vittiscutis*  
*Megapenthes cinnamomus*  
*Pachycoris torridus*  
*Pseudischnaspis alienus*  
*Stenoma catenifer*  
*Stephanoderes lecontei*  
*Taeniothrips simplex*  
*Tenthecoris vestitus*  
*Zabrotes subfasciatus*

HAITI:

*Anastrepha mombinpraeoptans*  
*Frankliniella insularis*  
*Leucocera quinquepunctata*  
*Monomorium destructor*  
*Pectinophora gossypiella*

HAWAII:

*Adoretus sinicus*  
*Algarobius prosopis*  
*Amorbia emigratella*  
*Aonidiella inornata*  
*Araecerus vicillardi*  
*Aspidiotus herculeanus*  
*Aspidiotus spinosus*  
*Asterolecanium pustulans*  
*Athesapeuta cyperi*  
*Callosobruchus chinensis*  
*Callosobruchus phaseoli*  
*Caryedon fuscus*  
*Ceratitis capitata*  
*Ceroplastes rubens*  
*Clerada apicornis*  
*Coccus viridis*  
*Cryptorhynchus mangiferae*  
*Cryptotermes brevis*  
*Cylas formicarius* var.  
*Dacus cucurbitae*  
*Dacus dorsalis*  
*Dialeurodes kirkaldyi*  
*Diocalandra taitensis*  
*Ereunetis flavistriata*  
*Eucalymnatus tessellatus*  
*Euscepes postfasciatus*  
*Eutreta xanthochaeta*  
*Ferrisiana virgata*  
*Furcaspis biformis*  
*Graptostethus servus*  
*Haplothrips gowdeyi*  
*Lampides boeticus*  
*Lepidosaphes tokionis*  
*Leucaspis cockerelli*  
*Maruca testulalis*  
*Nysius dallasi*  
*Orchidophilus peregrinator*  
*Oxydema longulum*  
*Pantomorus godmani*  
*Parlatoria crotonis*  
*Parlatoria fluggeae*  
*Parlatoria pseudaspidiotus*  
*Pealius hibisci*  
*Pectinophora gossypiella*  
*Phenacaspis sandwicensis*  
*Pinnaspis buxi*  
*Poecilips persicae*  
*Pseudaonidia clavigera*  
*Pseudaonidia tesserata*  
*Pseudococcus palmarum*

HAWAII—Continued

*Sinoxylon conigerum*  
*Taeniothrips hawaiiensis*  
 "Targionia" bromiliae  
*Thrips hawaiiensis*

HONDURAS:

*Anastrepha ludens*  
*Anastrepha mombinpraeoptans*  
*Aspidiotus destructor*  
*Brentus anchorago*  
*Conotrachelus perseae*  
*Cosmopolites sordidus*  
*Cryptotermes brevis*  
*Lygaeus vittiscutis*  
*Metamasius sericeus*  
*Mordellistena cattleyana*  
*Nasutitermes corniger*  
*Prodenia eridania*  
*Pseudischnaspis alienus*  
*Stenoma catenifer*  
*Tenthecoris confusus*  
*Zabrotes subfasciatus*

HUNGARY:

*Ips typographus*  
*Pityogenes chalcographus*  
*Pyrausta nubilalis*

INDIA:

*Amphicerus cornutus*  
*Bruchus affinis*  
*Bruchus emarginatus*  
*Callosobruchus analis*  
*Callosobruchus chinensis*  
*Callosobruchus maculatus*  
*Callosobruchus phaseoli*  
*Caryedon fuscus*  
*Coccotrypes dectyliperda*  
*Coccus capparidis*  
*Cryptorhynchus mangiferae*  
*Cylas formicarius*  
*Cylas formicarius* var.  
*Dacus dorsalis*  
*Dinoderus brevis*  
*Eutornus congener*  
*Heterobostrychus aequalis*  
*Lepidosaphes tuberculata*  
*Monomorium destructor*  
*Parlatoria pseudaspidiotus*  
*Pectinophora gossypiella*  
*Pinnaspis buxi*  
*Sinoxylon anale*  
*Sinoxylon conigerum*  
*Systole geniculata*  
*Taeniothrips gracilis*  
*Zabrotes subfasciatus*

IRAQ:

*Cylas formicarius* var.  
*Myelois ceratoniae*

IRELAND:

*Barypeithes araneiformis*  
*Drymus sylvaticus*  
*Forficula auricularia*  
*Hydrothassa marginella*  
*Mamestra brassicae*  
*Mecinus pyraister*  
*Psila rosae*  
*Saldula saltatoria*

ISRAEL:

*Nilotaspis halli*

ITALY:

*Acanthoscelides spinipes*  
*Acrolepia assectella*  
*Aphanus saturnius*  
*Apion carduorum*  
*Brachycerus albidentatus*  
*Brachycerus algirus*  
*Bruchidius lividimanus*  
*Bruchus ervi*  
*Bruchus lentis*  
*Bruchus luteicornis*  
*Bruchus signaticornis*  
*Bruchus tristiculus*  
*Bruchus tristis*  
*Callosobruchus chinensis*  
*Callosobruchus maculatus*  
*Ceratitis capitata*  
*Ceroplastes rusci*  
*Chrysomela americana*  
*Cryptoblabes gnidiella*



ITALY—Continued

*Dacus oleae*  
*Dryophthorus corticalis*  
*Epidiaspis piricola*  
*Eurydema ornatum*  
*Evergestis forficalis*  
*Forficula auricularia*  
*Grapholitha molesta*  
*Hemimene juliana*  
*Iridomyrmex humilis*  
*Laspeyresia splendana*  
*Lepidosaphes ficus*  
*Myelois ceratoniae*  
*Orycaenus lavaterae*  
*Parlatoria oleae*  
*Parlatoria zizyphus*  
*Pectinophora gossypiella*  
*Phalonia zephyrana*  
*Polychrosis botrana*  
*Psila rosae*  
*Pyrausta nubilalis*  
*Rhagoletis cerasi*  
*Sesamia cretica*  
*Sitona humeralis*  
*Sparteus villosus*  
*Targionia vitis*  
*Trialeurodes lauri*

JAMAICA:

*Anastrepha mombinpraeoptans*  
*Aspidiotus destructor*  
*Asterolecanium epidendri*  
*Callosobruchus chinensis*  
*Callosobruchus maculatus*  
*Callosobruchus phaseoli*  
*Genopaschia protomis*  
*Leucaspis cockerelli*  
*Pachyzancla periusalis*  
*Pectinophora gossypiella*  
*"Targionia" sacchari*  
*Vinsonia stellifera*

JAPAN:

*Aleurotrachelus camelliae*  
*Anomala rufocuprea viridiaenea*  
*Aspidiotus pseudomeyeri*  
*Callosobruchus ademptus*  
*Callosobruchus chinensis*  
*Ceroplastes ceriferus*  
*Ceroplastes japonicus*  
*Ceroplastes rubens*  
*Chilo simplex*  
*Cryptoparlatoria leucaspis*  
*Gracilaria azaleella*  
*Lepidosaphes conchiformis*  
*Lepidosaphes kuwacola*  
*Lepidosaphes pallida*  
*Lepidosaphes yanagicola*  
*Mineola indigenella*  
*Myllocerus hilleri*  
*Paracardiophorus pauper*  
*Parlatoria camelliae*  
*Parlatoria chinensis*  
*Parlatoria pseudaspidiotus*  
*Parlatoria theae*  
*Parlatoria zizyphus*  
*"Poliaspis" pini*  
*Pseudococcus pini*  
*Ptochoryctis tsugensis* (?)  
*Stephanitis pyroides*  
*Unaspis yanonensis*  
*Vesiculaphis caricis*

KENYA:

*Specularius impressithorax*

KOREA:

*Pseudococcus pini*

LEBANON:

*Bruchidius incarnatus*  
*Bruchus dentipes*  
*Bruchus ervi*  
*Ceratitis capitata*  
*Cryptoblabes gnidiella*  
*Dacus oleae*  
*Monomorium destructor*  
*Prays oleellus* (?)  
**MADEIRA ISLANDS:**  
*Bruchus guttalis*  
*Ceratitis capitata*  
*Cryptoblabes gnidiella*  
*Forficula auricularia*

MADEIRA ISLANDS—Continued

*Iridomyrmex humilis*

MEXICO:

*Acanthoscelides griseolus*  
*Acanthoscelides obreptus*  
*Acroleucus vicinalis*  
*Acrosticta mexicana*  
*Adelocera longicornis*  
*Aleurocanthus woglumi*  
*Aleuroglandulus emmae*  
*Aleuroparadoxus gardeniae*  
*Aleuroplatus cococolus*  
*Algarobius prosopis*  
*Alpheias conspirata*  
*Amorbia emigratella*  
*Amphicerus cornutus*  
*Anastrepha fraterculus*  
*Anastrepha ludens*  
*Anastrepha mombinpraeoptans*  
*Anastrepha serpentina*  
*Anthonomus albolineatus*  
*Anthonomus incanus*  
*Aonidiella citrina*  
*Aphanus umbrosus*  
*Argyrotaenia franciscana* (?)  
*Arvelius albopunctatus*  
*Aspidiotus destructor*  
*Aspidiotus diffinis*  
*Aspidiotus palmae*  
*Aspidiotus spinosus*  
*Asterolecanium bambusae*  
*Asterolecanium epidendri*  
*Attelabus corvinus*  
*Calligrapha argus*  
*Callirhytis sonora*  
*Callosobruchus maculatus*  
*Camirus conicus*  
*Caulophilus latinasus*  
*Celerio lineata*  
*Chalcodermus dentiferus*  
*Chelymorpha biannularis*  
*Chrysomphalus albopictus*  
*Chrysomphalus nigropunctatus*  
*Chrysomphalus personatus*  
*Chrysomphalus scutiformis*  
*Chrysomphalus umboniferus*  
*Coelosternus consputus*  
*Conchaspis angraeci*  
*Conotrachelus aguacatae*  
*Conotrachelus integer*  
*Conotrachelus perseae*  
*Crophius scabrosus*  
*Cryphula apicatus*  
*Curculio q-griseae*  
*Cylas formicarius elegantulus*  
*Cyrtopeltis varians*  
*Deloyala guttata*  
*Dendrobiella sericans*  
*Dialeurodes citri*  
*Diaphania hyalinata*  
*Diaphania nitidalis*  
*Diatraea saccharalis*  
*Dicrepidius corvinus*  
*Diorymerellus laevimargo*  
*Dysdercus mimulus*  
*Epicaerus cognatus*  
*Epilachna varivestis*  
*Epinotia opposita*  
*Eucalandra setulosa*  
*Eucalymnatus tessellatus*  
*Eumysia stigmella*  
*Euxesta annonae*  
*Evergestis rimosalis*  
*Exptochiomera oblonga*  
*Exptochiomera tumens*  
*Ferrisiana virgata*  
*Fulvius anthocorides*  
*Gerstaeckeria mutillaria*  
*Glyphonyx praecox*  
*Glyphonyx quadricollis*  
*Gnorimoschema gudmannella*  
*Gnorimoschema lavernella*  
*Grapholitha molesta*  
*Grapholitha packardi*  
*Gynaikothrips ficorum*  
*Horistonotus dilaticornis*  
*Horistonotus rufiventris*  
*Hypolithus pectoralis*



MEXICO—Continued

*Icerya palmeri*  
*Jadera sanguinolenta*  
*Lema confusa*  
*Lema opulenta*  
*Lepidosaphes carinata*  
*Lepidosaphes philococcus*  
*Lepidosaphes tokionis*  
*Leptophobia aripa*  
*Ligyrocoris abdominalis*  
*Ligyrocoris aurivilliana*  
*Ligyrocoris litigiosus*  
*Lineodes integra*  
*Liriomyza pusilla*  
*Loxostege bifidalis*  
*Loxostege similalis*  
*Lygaeus circumlinitus*  
*Lygaeus circumplicatus*  
*Lygaeus consanguinitus*  
*Lygaeus pulchellus*  
*Lygaeus vittiscutis*  
*Lygus oblineatus*  
*Madarus distigma*  
*Malacorhinus tripunctatus*  
*Megacerus contaminatus*  
*Micrapate labialis*  
*Mimorista flavidissimalis*  
*Monanthia monotropidia*  
*Moodna bisinuella*  
*Mordellistena cattleyana*  
*Mordellistena rufonotata*  
*Myodocha longicollis*  
*Neoleucinodes elegantalis*  
*Nysius basalis*  
*Oedionychis lateralis*  
*Oedionychis transversalis*  
*Ogdoecosta biannularis*  
*Oosternum costatum*  
*Parlatoria cinerea*  
*Parlatoria pittospori*  
*Pectinophora gossypiella*  
*Phatnoma annulipes*  
*Phenacoccus gossypii*  
*Physonota humilis*  
*Physorrhinus distigma*  
*Pityophthorus sambuci*  
*Plagiodera thymaloides*  
*Platycarenum notulatus*  
*Platynota rostrana*  
*Platynota stultana*  
*Platypus rugulosus*  
*Plesiommata mollicella*  
*Prodenia eridania*  
*Prodenia ornithogalli*  
*Prostephanus truncatus*  
*Pseudischnaspis alienus*  
*Pseudodiaspis yuccae*  
*Puto mexicanus* (?)  
*Quichuana calathea*  
*Renocis mexicanus*  
*Rhagoletis juglandis* (?)  
*Rhagoletis pomonella*  
*Rhagoletis striatella*  
*Rhinoncus pyrrhopus*  
*Sisamnes contractus*  
*Sixeonotus luteiceps*  
*Stenoma catenifer*  
*Stephanoderes lecontei*  
*Systole geniculata*  
*Taeniothrips simplex*  
*Talponia batesi*  
*Tanymecus confusus*  
*"Targionia" bromiliae*  
*Tenthecoris angustimarginatus*  
*Tenthecoris confusus*  
*Tenthecoris distinctus*  
*Tetraleurodes mori*  
*Tetrapriocera longicornis*  
*Thamnophthorus schwarzi*  
*Tomaspis postica*  
*Tomoplagia obliqua*  
*Trialeurodes vaporariorum*  
*Trichobaris mucorea*  
*Trioza anceps*  
*Trochuda raspa*  
*Tychius inermis*  
*Unaspis citri*  
*Valtissus diversus*

MEXICO—Continued

*Xylomeira torquata*  
*Zabrotes subfasciatus*  
*Zale sabena*

MOROCCO:

*Cephalocteus scarabaeoides*  
*Ceratitis capitata*  
*Exosoma lusitanica*  
*Sesamia vutera*

MOZAMBIQUE:

*Cylas puncticollis*

NETHERLANDS:

*Acanthocinus aedilis*  
*Acrolepia assectella*  
*Allantus cinctus*  
*Anuraphis tulipae*  
*Athous niger*  
*Blastophagus piniperda*  
*Brachyrhinus sulcatus*  
*Bruchus tristis*  
*Evergestis forficulis*  
*Forficula auricularia*  
*Gracilaria azaleella*  
*Ips sexdentatus*  
*Ips typographus*  
*Lampetia equestris*  
*Lepidosaphes tuberculata*  
*Mamestra brassicae*  
*Nymphalis urticae*  
*Orthotomicus laricis*  
*Pachybrachius luridus*  
*Pityogenes bidentatus*  
*Pityogenes chalcographus*  
*Psila rosae*  
*Rhopalosiphoninus tulipaellus*  
*Sitona lineata*  
*Taeniothrips simplex*  
*Zabrotes subfasciatus*

NETHERLANDS GUIANA:

*Furcaspis biformis*  
*Gnorimoschema gudmannella*  
*Maruca testulalis*

NETHERLANDS WEST INDIES:

*Anastrepha serpentina* (?)

NEW ZEALAND:

*Morganella longispina*  
*Taeniothrips simplex*

NICARAGUA:

*Aspidiotus palmarum*  
*Aspidiotus spinosus*  
*Chaetoclusia bakeri*  
*Neoclytus cacticus*  
*Platypus ruulosus*  
*Stenoma catenifer*

NIGERIA:

*Callosobruchus maculatus*  
*Leucaspis cockerelli*

NORWAY:

*Anuraphis helichrysi*  
*Argyresthia conjugella*  
*Callidium violaceum*  
*Callosobruchus maculatus*  
*Mamestra brassicae*  
*Psila rosae*  
*Thrips flavus*

PAKISTAN:

*Pectinophora gossypiella*

PALESTINE:

*Ceratitis capitata*  
*Ceroplastes rusci*  
*Frankliniella bratleyi*  
*Lepidosaphes ficus*  
*Ripersiella palestinae*

PANAMA:

*Acanthoscelides armitagei*  
*Anastrepha mombinpraeoptans*  
*Anastrepha serpentina*  
*Ancylostomia stercorea*  
*Coccotrypes dactyliperda*  
*Coccus viridis*  
*Hellula phidilealis*  
*Leucaspis cockerelli*  
*Parlatoria cinerea*  
*Stenoma anonella*  
*Stenoma catenifer*  
*Unaspis citri*

PERU:

*Anastrepha fraterculus* (?)



PERU—Continued

*Epinotia opposita*  
*Gnorimoschema plaesiosema*  
*Premnotrypes fractirostris*  
*Premnotrypes solani*  
*Stenoma catenifer*  
*Taeniothrips simplex*

PHILIPPINES:

*Achatina fulica*  
*Aonidiella citrina*  
*Aonidiella inornata*  
*Aspidiotus coryphae*  
*Aspidiotus excisus*  
*Callosobruchus chinensis*  
*Exillis longicornis*  
*Ferrisiana virgata*  
*Heteroglymma alata*  
*Iridomyrmex humilis*  
*Lepidosaphes tokionis*  
*Monomorium destructor*  
*Morganella longispina*  
*Nasutitermes luzonicus*  
*Parlatoria pseudaspidotus*  
*Parlatoria zizyphus*  
*Pectinophora gossypiella*  
*Pseudaonidia curculiginis*  
*Pseudococcus palmarum*  
*Pulvinaria psidii*

POLAND:

*Blastophagus piniperda*

PORTUGAL:

*Aglossa cuprealis*  
*Apion pomonae*  
*Bruchus guttalis*  
*Ceratitis capitata*  
*Dacus oleae*  
*Haplothrips cottei*  
*Iridomyrmex humilis*  
*Laspeyresia nigricana*  
*Laspeyresia splendana*  
*Psila rosae*  
*Rhagoletis cerasi*  
*Sesamia vuteria*  
*Zabrotes subfasciatus*

PRETORIA:

*Chirothrips manicatus*  
*Parozyna sororcula*  
*Piezodorus purus*  
*Trupanea pentziana*

PUERTO RICO:

*Anastrepha mombinpraeoptans*  
*Anastrepha suspensa*  
*Ancylostomia stercorea*  
*Aspidiotus destructor*  
*Asterolecanium pustulans*  
*Callosobruchus chinensis*  
*Coccus viridis*  
*Crociosema plebeiana*  
*Cryptocephalus nigrocinctus*  
*Cylas formicarius elegantulus*  
*Diaphania hyalinata*  
*Diaphania nitidalis*  
*Diatraea saccharalis*  
*Euscepes postfasciatus*  
*Fundella pelluscens*  
*Haplothrips gowdeyi*  
*Lineodes triangularis*  
*Maruca testulalis*  
*Monomorium destructor*  
*Pachyzancla bipunctalis*  
*Pectinophora gossypiella*  
*Sphenarches caffer*  
*Stenoma catenifer*  
*"Targionia" sacchari*  
*Zabrotes subfasciatus*

ST. KITTS:

*"Targionia" hartii*

SAIPAN:

*Achatina fulica*

SALVADOR:

*Aeolus pulchellus*  
*Algarobius ceratioborus*  
*Anastrepha fraterculus*  
*Anastrepha mombinpraeoptans*  
*Icerya similis*  
*Leucaspis cockerelli*  
*Mimosestes dominicanus*  
*Stenoma anonella*

SALVADOR—Continued

*Stenoma catenifer*

SCOTLAND:

*Anuraphis helichrysi*  
*Brachyrhinus singularis*  
*Dalopius marginatus*  
*Forficula auricularia*  
*Micrelus ericae*  
*Taeniothrips atratus*  
*Ulopa reticulata*

SIAM:

*Cylas formicarius* var.  
*Ferrisiana virgata*  
*Furcaspis biformis*  
*Parlatoria pseudaspidotus*

SIERRA LEONE:

*Alcidodes dentipes*  
*Cylas femoralis*  
*Cylas puncticollis*

SOUTH PACIFIC:

*Aonidiella inornata*  
*Melanozanthus melanocephalus*

SOUTHWEST AFRICA:

*"Chionaspis" exalbida*

SPAIN:

*Apion pomonae*  
*Callosobruchus maculatus*  
*Ceratitis capitata*  
*Laspeyresia splendana*  
*Lixus junci*  
*Parlatoria zizyphus*  
*Rhagoletis cerasi* (?)  
 STRAITS SETTLEMENTS:  
*Aspidiotus excisus*  
*Dacus cucurbitae*  
*Furcaspis biformis*  
*Morganella longispina*  
*Parlatoria citri*  
*Parlatoria pseudaspidotus*  
*Parlatoria zizyphus*  
*Vinsonia stellifera*

SWEDEN:

*Callidium violaceum*  
*Chrysoclista atra*  
*Hylurgops palliatus*  
*Ips typographus*  
*Pityogenes chalcographus*  
*Pogonocherus fasciculatus*  
*Psila rosae*  
*Rhagoletis alternata*  
*Taeniothrips atratus*

SYRIA:

*Bruchus ervi*  
*Ceratitis capitata* (?)  
*Dialeurodes kirkaldyi*  
*Lepidosaphes pistaciae*

TINIAN ISLAND:

*Achatina fulica*

TRANSVAAL:

*Asterolecanium stentae*  
*"Chionaspis" exalbida*

TRINIDAD:

*Anastrepha fraterculus*  
*Anastrepha mombinpraeoptans*  
*Anastrepha serpentina*  
*Ancylostomia stercorea*  
*Aonidiella comperei*  
*Asterolecanium epidendri*  
*Callosobruchus maculatus*  
*Coccotrypes carpophagus*  
*Coccotrypes dactyliperda*  
*Coccus viridis*  
*Dercynus micronyx*  
*Diaphania nitidalis*  
*Eurytoma orchidearum*  
*Euscepes postfasciatus*  
*Furcaspis biformis*  
*Hellula phidilealis*  
*Leucaspis cockerelli*  
*Monomorium destructor*  
*Parlatoria cinerea*  
*Pulvinaria psidii*



Countries of origin and insects—Continued

TRINIDAD—Continued

*Targionia sacchari*  
*Unaspis citri*  
*Vinsonia stellifera*

TRUK:

*Aonidiella inornata*  
*Furcaspis oceanica*

TUNISIA:

*Coccotrypes dactyliperda*  
*Gortyna flavago*

TURKEY:

*Andricus glandium*  
*Bruchidius biguttatus fulvipennis*  
*Bruchidius quinqueguttatus*  
*Bruchus atomarius*  
*Bruchus ervi*  
*Bruchus hamatus*  
*Bruchus lentis*  
*Bruchus rufipes*  
*Bruchus tristiculus*  
*Bruchus tristis*  
*Bruchus ulicis*  
*Callosobruchus maculatus*  
*Coccotrypes dactyliperda*  
*Cryptoblabes gnidiella*  
*Eurytoma onobrychidis*  
*Nilotaspis halli*  
*Spermophagus cardui*  
*Spintherus leguminum*

UNION OF SOUTH AFRICA:

*Aeoloides grisescens*  
*Aeolothrips brevicornis*  
*Ananca hottentota*  
*Antestia variegata*  
*Antestia variegata lineaticollis*  
*Ceratitis capitata*  
"Chionaspis" *humilis*  
"Chionaspis" *indigoferae*  
"Chionaspis" *leucadendri*  
*Ensina hyalipennis*  
*Ensina ignobilis*  
*Haplothrips nigricornis*  
*Homothrips distinctus*  
*Iridomyrmex humilis*  
*Parlatoria pittospori*  
*Phlyctinus callosus*  
*Pseudococcus trichilae*  
*Trionymus lounsburyi*

UNKNOWN:

*Bruchus guttalis*  
*Callosobruchus maculatus*

UNKNOWN—Continued

*Ceratitis capitata*  
*Dacus oleae*  
*Diaprepes abbreviatus*  
*Haplothrips cotei*  
*Listroderes aequivocus*  
*Nasutitermes nigriceps*  
*Rhagoletis cerasi*  
*Rhagoletis pomonella*  
*Taeniothrips dianthi*

URUGUAY:

*Ceratitis capitata*  
*Nysius simulans*  
*Parlatoria cinerea*

VENEZUELA:

*Acanthoscelides armitagei*  
*Anastrepha serpentina*  
*Asterolecanium epidendri*  
*Callosobruchus maculatus*  
*Coccus viridis*  
*Conchaspis angraeci*  
*Diaphania nitidalis*  
*Eurytoma orchidearum*  
*Fulvius albomaculatus*  
*Furcaspis biformis*  
*Leucaspis cockerelli*  
*Maruca testulalis*  
*Mordellistena cattleyana*  
*Prodenia eridania*  
*Protopulvinaria longivalvata*  
*Pseudischnaspis alienus*  
*Stenoma catenifer*  
*Taeniothrips simplex*  
*Tenthecoris venezuelensis*  
*Vinsonia stellifera*  
*Zabrotes subfasciatus*

VIRGIN ISLANDS:

*Cylas formicarius elegantulus*  
*Euscepes postfasciatus*  
*Pectinophora gossypiella*

WALES:

*Psila rosae*

WEST AFRICA:

*Alcidodes dentipes*  
*Cylas femoralis*  
*Cylas puncticollis*

WEST INDIES:

"*Targionia*" *hartii*

YUGOSLAVIA:

*Laspeyresia splendana*



List of pests (diseases) collected and reported from July 1, 1948, to June 30, 1949, inclusive  
[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Acrobeles ciliatus</i> von Linstow: <i>Aster novae-angliae</i> ..... (New England aster) Soil around azalea plants.....	Germany..... Netherlands.....	..... .....	..... .....	1 1	New York. Alabama.
<i>Alternaria citri</i> Ell. & Pierce: <i>Citrus sinensis</i> (orange).....	Argentina, Cyprus, Union of South Africa.	..... ..... .....	3	.....	New York, Pennsyl- vania.
<i>Alternaria dianthi</i> F. L. Stevens & J. G. Hall: <i>Dianthus</i> sp. (carnation).....	Australia, Brazil.	1	.....	2	California*, New York.
<i>Alternaria gypsophilae</i> Neerg.: <i>Gypsophila paniculata</i> (babysbreath)	Brazil.....	1	.....	.....	New York.
<i>Alternaria porri</i> (Ell.) Cif.: <i>Allium cepa</i> (onion)..... <i>Lycopersicon esculentum</i> (tomato).....	Mexico..... do.....	3 1	..... .....	..... .....	Texas. Do.
<i>Anguina tritici</i> (Steinbuch) Filip.: <i>Triticum aestivum</i> (wheat).....	Afghanistan, Iran, Iraq, Turkey.	..... ..... .....	..... ..... .....	9	District of Columbia.
<i>Aphanomyces raphani</i> Kendr.: <i>Raphanus sativus</i> (radish).....	Mexico.....	6	.....	.....	Texas.
<i>Aphelenchus aderholdi</i> Schwartz: <i>Convallaria majalis</i> ..... (lily-of-the-valley)	Denmark, Germany.	1	.....	2	New York.
<i>Aphelenchus avenae</i> Bastian: <i>Aster novae-angliae</i> ..... (New England aster):	Germany.....	..... ..... .....	..... ..... .....	1	Do.
<i>Ascochyta haworthiae</i> Trinch.: <i>Haworthia</i> sp.....	Union of South Africa.	..... ..... .....	..... ..... .....	2	California.*
<i>Ascochyta lycopersici</i> Brun.: <i>Physalis ixocarpa</i> (tomatillo)..... <i>Physalis</i> sp. (husk tomato).....	Mexico..... do.....	3 1	..... .....	..... .....	Texas. Do.
<i>Ascochyta pisi</i> Lib.: <i>Pisum sativum</i> (pea).....	England..... Mexico, Netherlands, Portugal.	3	3	.....	New York, Texas.
<i>Botryosphaeria ribis</i> (Fr.) Gross. & Dugg.: <i>Cocos nucifera</i> (coconut)..... <i>Psidium guajava</i> (guava).....	Guam..... Puerto Rico.....	..... 1	..... .....	1	California.* New York.
<i>Botrytis elliptica</i> (Berk.) Cke.: <i>Allium sativum</i> (garlic)..... <i>Lilium auratum</i> (goldband lily)..... <i>Lilium japonicum</i> (Japanese lily)..... <i>Lilium rubellum</i> (rubellum lily)..... <i>Lilium speciosum</i> (speciosum lily)..... <i>Lilium speciosum rubrum</i> ..... (pink speciosum lily) <i>Lilium tigrinum</i> (tiger lily)..... <i>Lilium</i> sp.....	Peru..... Japan..... do..... do..... do..... do..... do..... do..... China, Japan.	..... ..... ..... ..... ..... ..... ..... ..... 2	1 ..... ..... ..... ..... ..... ..... .....	5 4 5 2 1 1 4	California.* Do. Do. Do. Do. Do. Do. California*, Massachu- setts, Wash- ington.
<i>Botrytis galanthina</i> (Berk. & Br.) Sacc.: <i>Galanthus</i> sp. (snowdrop).....	Netherlands.....	..... ..... .....	..... ..... .....	43	California*, Michigan, New Jersey, New York, Pennsyl- vania.
<i>Botrytis gladiolorum</i> Timmermans: <i>Gladiolus</i> sp..... <i>Tritonia</i> sp.....	England, Netherlands. Netherlands.....	..... ..... .....	..... ..... .....	8 1	New Jersey, New York. New York.
<i>Botrytis tulipae</i> (Lib.) Lind: <i>Tulipa</i> sp. (tulip).....	do.....	..... ..... .....	..... ..... .....	2	California*, Oregon.
Camellia yellow-spot virus: <i>Camellia</i> sp.....	France.....	..... ..... .....	..... ..... .....	1	California.*
Cancrosis "B": <i>Citrus limon</i> (lemon).....	Argentina.....	..... ..... .....	6	.....	Maryland, New York, Pennsyl- vania.



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		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Cercospora angreci</i> Roum.: <i>Odontoglossum</i> sp. (orchid).....	Belgium.....			1	New Jersey.
<i>Cercospora canescens</i> Ell. & G. Martin: <i>Phaseolus lunatus macrocarpus</i> ..... (lima bean)	Puerto Rico.....	1			New York.
<i>Cercospora circumscissa</i> Sacc.: <i>Prunus</i> sp. (cherry).....	Italy.....		1		Do.
<i>Cercospora fourcroyae</i> Obregon-Botero(?): <i>Agave</i> sp. ....	Venezuela.....			1	New Jersey.
<i>Cercospora handelii</i> Bub.: <i>Rhododendron</i> sp. ....	Belgium.....			1	Do.
<i>Cercospora malayensis</i> F. L. Stevens & Solh.: <i>Hibiscus cannabinus</i> (kenaf hibiscus)	Cuba.....			1	Florida.
<i>Cercospora musae</i> Zimm.: <i>Musa paradisiaca</i> (plantain).....	Mexico.....	1			Texas.
<i>Musa paradisiaca sapientum</i> ..... (banana)	Canal Zone, Colombia, Costa Rica, Guatemala, Honduras, Mexico, Nicaragua, Panama, Puerto Rico, Salvador.			94	California*, Louisiana, Maryland, New York, Texas.
<i>Cercospora neriella</i> Sacc.: <i>Nerium oleander</i> (oleander).....	Bermuda.....	2			New York.
<i>Cercospora rosicola</i> Pass.: <i>Rosa</i> sp. ....	Guatemala,--- Mexico.	2		1	Louisiana, Texas.
<i>Cerebella andropogonis</i> Ces.: <i>Sorghum vulgare</i> (sorghum).....	Liberia.....			1	District of Columbia.
<i>Chaetomium indicum</i> Cda.: <i>Cymbidium</i> sp. (orchid).....	India.....			1	California.*
<i>Claviceps microcephala</i> (Wallr.) Tul.: <i>Agrostis</i> sp. ....	England (?).....			1	Ohio.
<i>Claviceps paspali</i> F. L. Stevens & J. G. Hall: <i>Paspalum</i> sp. ....	Turkey.....			1	District of Columbia.
<i>Claviceps purpurea</i> (Fr.) Tul.: <i>Agropyron</i> sp. ....	do.....			1	Do.
<i>Festuca elatior</i> (meadow fescue).....	New Zealand			1	Do.
<i>Coleosporium campanulae</i> (Pers.) Lev.: <i>Campanula persicifolia</i> (peachleaf- bellflower)	Netherlands..			1	New Jersey.
<i>Coleosporium domingense</i> (Berk.) Arth.: <i>Plumeria</i> sp. ....	Venezuela.....			1	Pennsylvania.
<i>Coleosporium senecionis</i> (Pers.) Fr.: <i>Pinus sylvestris</i> (Scotch pine).....	Denmark.....			2	New Jersey
<i>Pinus</i> sp. (pine).....	do.....			1	Do.
<i>Colletotrichum agaves</i> Cav.: <i>Agave</i> sp. ....	Mexico.....			2	Texas.
<i>Colletotrichum cajani</i> Rangel: <i>Cajanus cajan</i> (pigeonpea).....	Puerto Rico.....	6			New York.
<i>Colletotrichum graminicolum</i> (Ces.) G. W. Wils.: <i>Brachiaria subquadrifaria</i> .....	Philippines..	1			Oregon.
<i>Colletotrichum lagenarium</i> (Pass.) Ell. & Halst.: <i>Citrullus vulgaris</i> (watermelon).....	Brazil.....		1		Louisiana.
<i>Colletotrichum lilii</i> Plakidas: <i>Iris</i> sp. ....	Japan.....			1	California.*
Liliaceous leaf.....	Guatemala.....			1	District of Columbia.
<i>Lilium auratum</i> (goldband lily).....	Japan.....			6	California.*
<i>Lilium japonicum</i> (Japanese lily).....	do.....			3	Do.
<i>Lilium rubellum</i> (rubellum lily).....	do.....			3	Do.
<i>Lilium speciosum</i> (speciosum lily).....	do.....			2	Do.
<i>Lilium speciosum punctatum</i> ..... (pinkspot speciosum lily)	do.....			1	Washington.
<i>Lilium speciosum rubrum</i> ..... (pink speciosum lily)	do.....			4	California.*
<i>Lilium tigrinum</i> (tiger lily).....	do.....			2	Do.



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<i>Collectotrichum lilii</i> —Continued <i>Lilium</i> sp.-----	Canada, China, India.	4	-----	9	California*, Washington
<i>Colletotrichum omnivorum</i> Halst.: <i>Aspidistra</i> sp.-----	Belgium-----	-----	-----	2	New Jersey.
<i>Colletotrichum phomoides</i> (Sacc.) Chester: <i>Physalis ixocarpa</i> (tomatillo)-----	Mexico-----	1	-----	-----	Texas.
<i>Colletotrichum pisi</i> Pat.: <i>Pisum sativum</i> (pea)-----	Peru, Mexico.	6	2	-----	Do.
<i>Coniothyrium hellebori</i> Cke. & Mass.: <i>Helleborus niger</i> (Christmas-rose)-----	Netherlands---	-----	-----	4	New Jersey.
<i>Coniothyrium olivaceum</i> Bon.: <i>Rhododendron</i> sp.-----	England-----	-----	-----	1	Washington.
<i>Coniothyrium rhododendri</i> P. Henn.: <i>Rhododendron</i> sp.-----	Netherlands---	-----	-----	1	Do.
<i>Coryneum beijerincki</i> Oud.: <i>Prunus persica</i> (peach)-----	Belgium, Germany.	-----	2	-----	New York.
<i>Coryneum rhododendri</i> Schw.: <i>Rhododendron</i> sp.-----	Netherlands---	-----	-----	1	Washington.
<i>Cumminsia sanguinea</i> (Pk.) Arth.: <i>Mahonia aquifolium</i> ----- (Oregon hollygrape)	France-----	1	-----	-----	New York.
<i>Mahonia</i> sp.-----	Guatemala---	1	-----	-----	District of Columbia.
<i>Curvularia lunata</i> (Wakk.) Boed.: <i>Allium cepa</i> (onion)-----	Mexico, Sweden.	1	1	-----	Louisiana, Texas.
<i>Capsicum frutescens</i> (pepper)-----	Cuba-----	-----	1	-----	Pennsylvania.
<i>Cytospora ambiens</i> Sacc.: <i>Salix</i> sp. (willow)-----	England-----	1	-----	-----	New York.
<i>Cytospora ceratophora</i> Sacc.: <i>Custanea</i> sp. (chestnut)-----	Italy-----	1	-----	-----	California.*
<i>Cytospora chrysosperma</i> Pers. ex Fr.: <i>Hura crepitans</i> (sandboxtree)-----	Brazil-----	1	-----	-----	New York.
<i>Salix</i> sp. (willow)-----	Sweden-----	-----	1	-----	Pennsylvania.
<i>Cytospora dahliae</i> Peyl: <i>Dahlia</i> sp.-----	France-----	-----	-----	1	California.*
<i>Cytospora punica</i> Sacc.: <i>Punica granatum</i> (pomegranate)-----	Mexico-----	1	-----	-----	Texas.
<i>Diaporthe citri</i> Wolf: <i>Citrus sinensis</i> (orange)-----	Brazil-----	-----	2	-----	California.*
<i>Citrus</i> sp.-----	Aitutaki Island.	-----	1	-----	Hawaii.
<i>Diplocarpon rosae</i> Wolf: <i>Rosa</i> sp.-----	Mexico, Trini- dad.	2	1	-----	Puerto Rico, Texas.
<i>Diplodia paraphysaria</i> Sacc.: <i>Laelia</i> sp. (orchid)-----	Mexico-----	-----	-----	1	Texas.
<i>Oncidium cavendishianum</i> (orchid)-----	do-----	-----	-----	1	Do.
<i>Oncidium</i> sp.-----	do-----	-----	-----	1	Do.
<i>Vanda</i> sp. (orchid)-----	India-----	-----	-----	1	Washington.
<i>Diplodia taxi</i> (Sow. ex Fr.) De N.: <i>Taxus cuspidata</i> (Japanese yew)-----	Japan-----	-----	-----	1	Do.
<i>Diplodia theobromae</i> (Pat.) Nowell: <i>Lecythis zabucajo</i> (monkeypot tree)-----	Jamaica-----	-----	-----	1	California.*
<i>Manihot</i> sp.-----	Honduras---	-----	-----	1	Do.
<i>Musa paradisiaca</i> (plantain)-----	Cuba-----	1	-----	-----	New York.
<i>Nymphaea</i> sp. (waterlily)-----	do-----	1	-----	-----	Do.
<i>Palm nut</i> -----	British Guiana	1	-----	-----	Do.
<i>Philodendron lacerum</i> -----	Guatemala---	-----	-----	1	California.*
<i>Diplodina eurhododendri</i> Voss: <i>Rhododendron</i> sp.-----	Norway-----	-----	-----	1	New York.
<i>Diplodina grossulariae</i> Sacc. & Briand: <i>Ribes</i> sp.-----	Denmark, Germany.	-----	-----	2	New Jersey, New York.
<i>Ditylenchus destructor</i> Thorne (?): <i>Arachis</i> sp.-----	Uruguay-----	-----	-----	1	District of Columbia.
<i>Ditylenchus dipsaci</i> (Kuhn) Filip.: <i>Allium sativum</i> (garlic)-----	Mexico-----	25	-----	-----	Texas.
<i>Narcissus</i> sp.-----	Netherlands---	-----	-----	1	Michigan.
<i>Ditylenchus</i> sp. (undescribed): <i>Colchicum speciosum</i> -----	do-----	-----	-----	1	New Jersey.
<i>Iris histrioides major</i> -----	do-----	-----	-----	1	Do.



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		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Ditylenchus</i> sp.—Continued					
<i>Iris sindjarensis</i> (Aleppo iris)-----	do-----			2	New Jersey.
<i>Iris</i> sp.-----	do-----			1	Do.
<i>Elsinoe australis</i> Bitanc. & Jenkins:					
<i>Citrus aurantifolia</i> (sour lime)-----	Brazil-----		2		California,*
					Massa- chusetts.
<i>Citrus limon</i> (lemon)-----	Argentina,----- Brazil.	1	21		Alabama, Cal- ifornia*, Louisiana, Maryland, New York, Pennsyl- vania, Texas.
<i>Citrus reticulata</i> (tangerine)-----	Argentina-----		1		New York.
<i>Citrus sinensis</i> (orange)-----	Argentina,----- Brazil, Uruguay.		22		Alabama, California*, Florida*, Maryland, Massachu- setts, New York, Penn- sylvania, Texas, Virginia.
<i>Elsinoe phaseoli</i> Jenkins:					
<i>Phaseolus lunatus macrocarpus</i> ----- (lima bean)	Cuba, Puerto- Rico.	7			New York.
<i>Elsinoe piri</i> Jenkins:					
<i>Malus sylvestris</i> (apple)-----	Poland-----	1			Do.
<i>Eutypella bambusina</i> Penz. & Sacc.:					
Bamboo-----	Guatemala-----	1		1	District of Columbia, New York.
<i>Exobasidium vaccinii</i> (Fekl.) Woron.:					
<i>Rhododendron</i> sp.-----	Hawaii-----			1	California.*
<i>Fusarium oxysporum</i> Schlecht.:					
<i>Crocus</i> sp.-----	Netherlands-----			1	New York.
<i>Iris</i> var. <i>Imperator</i> -----	do-----			1	Washington.
<i>Fusarium oxysporum</i> Schlecht. f. <i>gladioli</i> (Massey) Snyder & Hansen:					
<i>Gladiolus</i> sp.-----	Canada, Ger- many, Neth- erlands.			9	Florida, New York.
<i>Fusarium oxysporum</i> Schlecht. f. <i>narcissi</i> Snyder & Hansen:					
<i>Narcissus</i> sp.-----	Netherlands-----			15	California*, Michigan, Minnesota, New York, Pennsyl- vania.
<i>Fusicladium pyracanthae</i> (Otth.) Rostr.:					
<i>Pyracantha coccinea lalandi</i> -----	do-----			1	New Jersey.
<i>Fusicoccum galericulatum</i> Sacc.:					
<i>Fagus</i> sp.-----	Belgium-----			1	Do.
<i>Gliomastix convoluta</i> (Harz) Mason:					
<i>Eleocharis dulcis</i> (water nut)-----	China-----	2			California.*
<i>Lilium speciosum punctatum</i> -----	Japan-----			1	Do.
<i>Narcissus</i> sp.-----	Netherlands-----			1	Do.
<i>Solanum tuberosum</i> (potato)-----	England,----- France.		2		Do.
<i>Zingiber officinale</i> (ginger)-----	China-----	13			Do.
<i>Gliomastix penicilloides</i> Cda.:					
<i>Brassica napobrassica</i> (rutabaga)-----	Australia-----		1		Pennsylvania.
<i>Gloeosporium affine</i> Sacc.:					
<i>Hoya</i> sp.-----	do-----			1	Washington.
<i>Gloeosporium affine</i> Sacc. (?):					
<i>Vanda</i> sp. (orchid)-----	India-----			1	Do.
<i>Gloeosporium beyrodtii</i> Klitzing:					
<i>Vanda</i> sp.-----	do-----	1		1	Hawaii, Washington.
<i>Gloeosporium catechu</i> Syd.:					
Palm-----	Guam-----			1	California.*



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<i>Gloeosporium orchidearum</i> Karst.: Orchid.....	British West Indies.			1	Massachu- setts.
<i>Gloeosporium piperatum</i> Ell. & Ev.: <i>Capsicum frutescens</i> (pepper).....	Cuba.....		1		New York.
<i>Gloeosporium rhododendri</i> Briosi & Cav.: <i>Rhododendron</i> sp.....	England.....			4	Washington.
<i>Gymnosporangium haraeum</i> Syd.: <i>Cupressus</i> sp. (cypress).....	Japan.....			2	Do.
<i>Juniperus</i> sp. (?).....	do.....			1	Do.
<i>Helminthosporium avenae</i> Eidam: <i>Avena</i> sp.....	England.....	1			California.*
<i>Helminthosporium carposaprum</i> Pollack: <i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	2			Texas.
<i>Helminthosporium oryzae</i> Breda de Haan: <i>Oryza sativa</i> (rice).....	Canal Zone, Hawaii, Japan, Mexico.	2		2	Arizona, District of Columbia, Louisiana, New York.
<i>Heterodera goettingiana</i> Liebscher: <i>Camellia</i> sp.....	Azores.....			1	New Jersey.
Soil around strawberry roots.....	Denmark.....			1	District of Columbia.
<i>Heterodera punctata</i> Thorne: Soil with Orchid.....	England.....			1	New Jersey.
<i>Heterodera rostochiensis</i> Wr.: Soil with <i>Cyclamen</i> sp.....	Germany.....			1	Alabama.
Soil with <i>Juniperus</i> sp.....	England.....			1	New York.
Soil with nursery stock.....	do.....			1	Do.
Soil with perennial plants.....	do.....			1	New Jersey.
Soil with <i>Primula</i> sp.....	do.....			1	Do.
Soil with shamrocks.....	Ireland.....	1			New York.
Soil with plants.....	England, Ger- many.			5	New Jersey, New York.
<i>Heterosporium allii</i> Ell. & G. Martin: <i>Allium sativum</i> (garlic).....	Mexico.....	1			Texas.
<i>Heterosporium ornithogali</i> (Klotzsch) Cke.: <i>Ornithogalum thyrsoides</i> .....	Union of South Africa.	1			New York.
(chinkerichee)					
<i>Hormodendron cladosporioides</i> (Fres.) Sacc.: <i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1	1		Texas.
<i>Phaseolus vulgaris</i> (kidney bean).....	Egypt.....		1		Pennsylvania.
<i>Isariopsis griseola</i> Sacc.: <i>Phaseolus vulgaris</i> var. (string bean)	Puerto Rico...	2			New York.
<i>Karschia lignyota</i> (Fr.) Sacc.: <i>Magnolia</i> sp.....	Netherlands...			1	Washington.
<i>Lachnum virgineum</i> (Batsch ex Fr.) Karst.: <i>Rhododendron molle</i> .....	do.....			1	New Jersey.
<i>Laestadia ruozii</i> (Mont.) Sacc.: <i>Erica</i> sp. (?).....	Union of South Africa.	1			Do.
<i>Leptosphaeria berberidis</i> Rick: <i>Berberis</i> sp.....	Germany.....			1	New York.
<i>Leptosphaeria heterospora</i> (De N.) Niessl: <i>Iris</i> sp.....	Netherlands.....			1	New Jersey.
<i>Leptosphaeria musarum</i> Sacc. & Berl.: <i>Musa paradisiaca sapientum</i> .....	Colombia,..... Guatemala.	2			Maryland.
(banana)					
<i>Leptosphaeria opuntiae</i> Dodge: <i>Echinocactus terensis</i> (cactus).....	Mexico.....			1	New Jersey.
<i>Leptosphaeria rusci</i> (Wallr.) Sacc.: <i>Ruscus</i> sp.....	Italy.....	3			Pennsylvania.
<i>Leptothyrium berberidis</i> Ckc. & Mass.: <i>Berberis</i> sp.....	Germany.....			1	New York.
<i>Leptothyrium pomi</i> (Mont. & Fr.) Sacc.: <i>Citrus reticulata</i> (tangerine).....	China.....	1			Hawaii.
<i>Malus sylvestris</i> (apple).....	France.....		1		New York.
<i>Lophodermium juniperinum</i> (Fr.) De N.: <i>Juniperus</i> sp.....	Japan.....			1	Washington.
<i>Lophodermium oryococi</i> (Fr.) Karst.: <i>Vaccinium ovatum</i> (box blueberry).....	British Colum- bia.	1			New York.



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<i>Macrophoma musae</i> (Cke.) Berl. & Vogl.: <i>Musa paradisiaca sapientum</i> ----- (banana)	India, Pakistan, Philippines.	2	7	-----	California*, Hawaii, New York.
<i>Musa</i> sp.-----	Philippines-----	2	-----	-----	Hawaii.
<i>Marsonina populi</i> (Lib.) Magn.: <i>Populus tremula</i> (European aspen)---	Germany-----	1	-----	-----	Pennsylvania.
<i>Melanospora zamiae</i> Cda.: <i>Eleocharis dulcis</i> (waternut)-----	China-----	1	-----	-----	California.*
<i>Pueraria thunbergiana</i> (kudzu-bean)-----	do-----	1	-----	-----	Do.
<i>Zingiber officinale</i> (ginger)-----	do-----	3	-----	-----	Do.
<i>Memnoniella echinata</i> (Rivolta) L. O. Gall.: <i>Cattleya mossiae</i> (orchid)-----	Costa Rica-----	-----	-----	1	Texas.
<i>Colocasia esculenta</i> (dasheen)-----	China-----	2	-----	-----	California.*
<i>Eleocharis dulcis</i> (waternut)-----	do-----	1	-----	-----	Do.
<i>Musa paradisiaca sapientum</i> ----- (banana)	Fiji Islands-----	1	-----	-----	Do.
<i>Oryza sativa</i> (rice)-----	Japan-----	-----	1	-----	Do.
<i>Zingiber officinale</i> (ginger)-----	China, Hawaii-----	11	-----	-----	Do.
<i>Metasphaeria caraguata</i> Speg.: Bromeliad-----	Costa Rica-----	-----	-----	1	Texas.
<i>Monilinia fructigena</i> (Aderh. & Ruhl.) Honey: <i>Malus sylvestris</i> (apple)-----	do-----	-----	1	-----	New York.
<i>Prunus persica</i> (peach)-----	Portugal-----	1	-----	-----	Pennsylvania.
<i>Monochaetia paeoniae</i> (Maubl.) Sacc. & D. Sacc.: <i>Paeonia suffruticosa</i> (tree peony)-----	Japan-----	-----	-----	1	California.*
<i>Mononchus papillatus</i> Bastian: Soil around azalea plants-----	Netherlands-----	-----	-----	1	Alabama.
<i>Mycosphaerella allicina</i> (Fr.) Vest.: <i>Allium ascalonicum</i> (shallot)-----	do-----	-----	1	-----	Oregon.
<i>Mycosphaerella citrullina</i> (C. O. Sm.) Gross: <i>Cucumis sativus</i> (cucumber)-----	Mexico-----	1	-----	-----	Texas.
<i>Sechium edule</i> (chayote)-----	Haiti-----	-----	1	-----	Louisiana.
<i>Mycosphaerella clintoniana</i> House: <i>Rhododendron indicum</i> (indica azalea)-----	Belgium-----	-----	-----	1	New Jersey.
<i>Rhododendron</i> sp.-----	England-----	-----	-----	1	Washington.
<i>Mycosphaerella fragariae</i> (Tul.) Lindau: <i>Fragaria</i> sp.-----	England-----	-----	-----	1	California.*
<i>Mycosphaerella maculiformis</i> (Pers. ex Fr.) Schroet.: <i>Castanea</i> sp. (chestnut)-----	Italy-----	-----	-----	1	New York.
<i>Mycosphaerella opuntiae</i> (Ell. & Ev.) Dearn.: <i>Coryphantha erecta</i> (cactus)-----	Mexico-----	-----	-----	1	Texas.
<i>Opuntia compressa</i> (pricklypear)-----	do-----	-----	-----	1	Do.
<i>Opuntia</i> sp.-----	do-----	-----	-----	5	Do.
<i>Mycosphaerella philodendri</i> (Pat.) Lindau: <i>Philodendron</i> sp.-----	do-----	-----	-----	1	Do.
<i>Mycosphaerella pinodes</i> (Berk. & Blox.) Stone: <i>Pisum sativum</i> (pea)-----	do-----	1	-----	-----	Do.
<i>Mycosphaerella pomi</i> (Pass.) Lindau: <i>Malus sylvestris</i> (apple)-----	Italy-----	-----	-----	1	New Jersey.
<i>Mycosphaerella rhododendri</i> (Cke.) G. H. Martin: <i>Rhododendron</i> sp.-----	Netherlands-----	-----	-----	2	Do.
<i>Myrothecium roridum</i> Tode ex Fr.: <i>Lycopersicon esculentum</i> (tomato)---	Mexico-----	2	-----	-----	Texas.
<i>Naemacyclus niveus</i> (Pers. ex Fr.) Sacc.: <i>Pinus sylvestris</i> (Scotch pine)-----	Denmark-----	-----	-----	1	New Jersey.
<i>Neovossia horrida</i> (Tak.) Padwick & Azmatullah Khan: <i>Oryza sativa</i> (rice)-----	Service mail-----	1	-----	-----	Washington.
<i>Neovossia indica</i> (Mitra) Mund.: <i>Triticum aestivum</i> (wheat)-----	India-----	-----	-----	2	District of Columbia.



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<i>Nigrospora sphaerica</i> (Sacc.) Mason: <i>Anthurium sanguineum</i> -----	Guatemala-----			1	California.*
<i>Oryza sativa</i> (rice)-----	Japan, Portu- gal.	4			Do.
<i>Zea mays</i> (corn)-----	Colombia-----			1	Do.
<i>Omphalia flavida</i> (Cke.) Maub. & Ran- gel: <i>Gardenia augusta</i> (gardenia)-----	Mexico-----	22			California* Texas.
<i>Orbilia rubella</i> (Pers. ex Fr.) Karst.: <i>Eriobotrya japonica</i> (loquat)-----	do-----	1			Texas.
<i>Papularia sphaerosperma</i> (Fr.) Hoehn.: <i>Bambusa</i> sp. (bamboo)-----	India-----			1	California.*
<i>Papulaspora parasitica</i> (Eidam) Harz.: <i>Tulipa</i> sp. (tulip)-----	Netherlands-----			1	Do.
<i>Periola hirsuta</i> (Schum.) Fr.: Orchid-----	Venezuela-----		1		Maryland.
<i>Peronospora effusa</i> (Grev.) Rab.: <i>Spinacia oleracea</i> (spinach)-----	Mexico-----	4			Arizona, Texas.
<i>Peronospora pisi</i> (D By.) Syd.: <i>Pisum sativum</i> (pea)-----	Portugal-----		1		Texas.
<i>Pestalotia conspicua</i> Servazzi: <i>Cattleya lueddemanniana</i> (orchid)-----	Venezuela-----			1	Do.
<i>Cattleya mossiae</i> -----	do-----			1	California.*
<i>Stanhopea</i> sp. (orchid)-----	Peru-----			1	Do.
<i>Vanda</i> sp. (orchid)-----	Siam-----			1	Do.
<i>Pestalotia cryptomeriae</i> Cke.: <i>Cryptomeria japonica</i> (cryptomeria)-----	Japan-----			1	Washington.
<i>Pestalotia funerea</i> Desm.: <i>Juniperus excelsa</i> -----	South America-----	1			New York.
<i>Mangifera indica</i> (mango)-----	Mexico-----	1			Texas.
<i>Pinus</i> sp. (3-leaved pine)-----	do-----			1	Do.
<i>Pestalotia inconspicua</i> Servazzi: <i>Laelia</i> sp. (orchid)-----	do-----			1	Do.
<i>Pestalotia macrotricha</i> Kleb.: <i>Rhododendron</i> sp.-----	England, Netherlands.			3	New Jersey, Washington.
<i>Pestalotia microspora</i> Speg.: <i>Laelia anceps</i> (orchid)-----	Mexico-----			1	Texas.
<i>Laelia</i> sp.-----	do-----			1	Do.
<i>Pestalotia nucicola</i> Ell. & Ev.: <i>Castanea</i> sp. (chestnut)-----	Italy-----	1			Do.
<i>Pestalotia palmarum</i> Cke.: Palm-----	Canal Zone, Mexico, St. Lucia.	1		2	New York, Texas, Washington.
<i>Pestalotia peregrina</i> Ell. & Mart.: <i>Pinus mugo</i> (?)-----	Denmark-----			1	New Jersey.
<i>Pinus sylvestris</i> (Scotch pine)-----	do-----			1	Do.
<i>Pestalotia psidii</i> Pat.: <i>Psidium guajava</i> (guava)-----	Mexico-----	2			Texas.
<i>Pezizella lythri</i> Shear & Dodge: <i>Paeonia suffruticosa</i> (tree peony)-----	France-----			1	New Jersey.
<i>Rosa</i> sp.-----	England-----			1	Do.
<i>Phaeosphaerella senniana</i> Sacc. (?): <i>Protea cynarioides</i> (honeypot protea)-----	Union of South Africa.			1	Do.
<i>Phaeosphaeria oryzae</i> Miyake: <i>Oryza sativa</i> (rice)-----	China, Japan.	4	1		California.*
<i>Phoma citricarpa</i> McAlp.: <i>Citrus grandis</i> (pummelo)-----	China-----	1			Do.
<i>Citrus limon</i> (lemon)-----	Australia, For- mosa.		4		California*, Massachu- setts, New York, Penn- sylvania.
<i>Citrus paradisi</i> (grapefruit)-----	Australia-----		2		California*, Washington.
<i>Citrus reticulata</i> (Mandarin orange)-----	China-----	23	3		California*, Hawaii, Minnesota, New York, Washington.



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<i>Phoma citricarpa</i> —Continued <i>Citrus sinensis</i> (orange)-----	Australia, Canton Island, China, Japan, Union of South Africa.	51	11		Alaska, California*, Hawaii, Massachu- setts, New York, Penn- sylvania, Washington.
<i>Phoma insidiosa</i> Tassi: <i>Sorghum vulgare</i> (sorghum)-----	India, Kenya.			4	District of Columbia.
<i>Phoma japonica</i> Sacc.: <i>Kerria japonica</i> (kerria)-----	Japan-----			1	Washington.
<i>Phoma pinicola</i> (Zopf) Sacc.: <i>Pinus contorta</i> (shore pine)-----	Canada-----			1	Do.
<i>Phomopsis capsici</i> (Magn.) Sacc.: <i>Capsicum frutescens</i> (pepper)-----	Barbados, Cuba.	2			Massachu- setts, New York.
<i>Phomopsis magnoliae</i> Died.: <i>Magnolia</i> sp.-----	Netherlands-----			1	New Jersey.
<i>Phomopsis phoenicola</i> Trav.: <i>Phoenix</i> sp.-----	Azores-----			1	Massachu- setts.
<i>Phomopsis seposita</i> (Sacc.) Trav.: <i>Wisteria sinensis</i> (Chinese wisteria)-----	Netherlands-----			1	New Jersey.
<i>Wisteria</i> sp.-----	do-----			1	Do.
<i>Phomopsis sorbicola</i> Grove: <i>Sorbus aucuparia</i> (European moun- tain-ash)-----	do-----			1	Do.
<i>Phragmidium disciflorum</i> (Tode) James: <i>Rosa</i> sp.-----	Egypt, Italy-----		1	1	New York, Pennsyl- vania.
<i>Phyllachora engleri</i> Speg.: <i>Anthurium</i> sp. (?)-----	Guatemala-----				New Jersey.
<i>Phyllosticta aucubicola</i> Sacc.: <i>Aucuba</i> sp.-----	Netherlands-----			1	Do.
<i>Phyllosticta camelliae</i> West.: <i>Camellia japonica</i> (camellia)-----	England-----			1	Do.
<i>Phyllosticta codiaeicola</i> Died.: <i>Codiaeum</i> sp. (croton)-----	Bermuda-----			1	New York.
<i>Phyllosticta concava</i> Seaver: <i>Opuntia</i> sp. (cactus)-----	Mexico-----			1	Texas.
<i>Phyllosticta draconis</i> Berk.: <i>Cordylone terminalis</i> (dracena)-----	Hawaii-----	1			California.*
<i>Phyllosticta glumarum</i> (Ell. & Tracy) Miyake: <i>Oryza sativa</i> (rice)-----	Mexico-----	1			Arizona.
<i>Phyllosticta laeliae</i> Keissl.: <i>Brassia verrucosa</i> (orchid)-----	Guatemala-----			1	California.*
<i>Laelia anceps</i> (orchid)-----	Mexico-----			3	Texas.
<i>Laelia autumnalis</i> -----	do-----			1	Do.
<i>Laelia furfuracea</i> -----	do-----			1	Do.
<i>Laelia majalis</i> -----	do-----			1	Do.
<i>Laelia</i> sp.-----	do-----			5	California*, Texas.
<i>Phyllosticta leucothoes</i> Ell. & Mart.: <i>Leucothoe catesbaei</i> (drooping leucot- hoe)-----	Netherlands-----			1	New Jersey.
<i>Phyllosticta mortoni</i> Fairm.: <i>Mangifera indica</i> (mango)-----	Mexico-----	1			Texas.
<i>Phyllosticta narcissi</i> Aderh.: <i>Narcissus</i> sp.-----	Netherlands-----			1	California.*
<i>Phyllosticta nerii</i> West.: <i>Nerium oleander</i> (oleander)-----	Bermuda-----			1	Maryland.
<i>Phyllosticta ruscicola</i> Dur. & Mont.: <i>Ruscus</i> sp.-----	Italy-----	4			New York, Pennsyl- vania.
<i>Phyllosticta saccardoi</i> Thuem.: <i>Rhododendron</i> sp.-----	England-----			1	Washington.
<i>Physalospora camptospora</i> Sacc.: <i>Laelia anceps</i> (orchid)-----	Mexico-----			2	Texas.
<i>Laelia superbiens</i> -----	do-----			1	Do.
<i>Laelia</i> sp.-----	do-----			2	Do.
<i>Stanhopea</i> sp. (orchid)-----	do-----			1	Do.



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<i>Physalospora cattleyae</i> Maub. & Lasnier: <i>Laelia</i> sp. (orchid)-----	Mexico, Venezuela.	-----	-----	3	Texas.
<i>Physalospora ilicis</i> (Fr.) Sacc.: <i>Ilex</i> sp. (holly)-----	Korea-----	-----	-----	1	California.*
<i>Physalospora obtusa</i> (Schw.) Cke.: <i>Genista</i> sp.-----	Germany-----	-----	-----	1	New York.
<i>Pyrus communis</i> (pear)-----	Spain-----	1	-----	-----	Pennsyl- vania.
<i>Physalospora orchidearum</i> P. Henn.: <i>Dendrobium</i> sp. (orchid)-----	Australia-----	-----	-----	1	New Jersey.
<i>Physalospora wildemaniana</i> Sacc.: <i>Cattleya</i> sp. (orchid)-----	Colombia-----	-----	-----	1	Texas.
<i>Laelia anceps</i> (orchid)-----	Mexico-----	-----	-----	1	Do.
<i>Laelia</i> sp.-----	do-----	-----	-----	1	Do.
<i>Stanhopea</i> sp. (orchid)-----	do-----	-----	-----	1	Do.
<i>Phytophthora cactorum</i> (Leb. & Cohn) Schroet.: <i>Cucurbita maxima</i> (squash)-----	do-----	1	-----	-----	Do.
<i>Phytophthora parasitica</i> Dast.: <i>Lycopersicon esculentum</i> (tomato)---	Jamaica-----	1	-----	-----	Alabama.
<i>Plasmodiophora brassicae</i> Wor.: <i>Brassica rapa</i> (turnip)-----	England-----	-----	1	-----	Pennsyl- vania.
<i>Polyporus occidentalis</i> Klotzsch: <i>Hura crepitans</i> (?)-----	Brazil-----	2	-----	-----	New York.
<i>Prospodium appendiculatum</i> (Wint.) Arth.: <i>Stenolobium stans</i> -----	Mexico-----	-----	1	-----	Texas.
(Florida yellowtrumpet) <i>Pseudomonas marginata</i> (McCull.) Stapp: <i>Gladiolus</i> sp.-----	Italy, Nether- lands.	-----	-----	4	Illinois, New York.
<i>Sparaxis grandiflora</i> (big wandflower)	Union of South Africa.	-----	-----	1	New Jersey.
<i>Pseudomonas phaseolicola</i> (Burk.) Dowson: <i>Phaseolus vulgaris</i> (kidney bean)-----	Mexico-----	2	-----	-----	Texas.
<i>Pseudomonas solanacearum</i> E. F. Sm.(?): <i>Solanum tuberosum</i> (potato)-----	do-----	1	-----	-----	Do.
<i>Pseudomonas syringae</i> v Hall: <i>Persea americana</i> (avocado)-----	do-----	1	-----	-----	Do.
<i>Pseudopeziza medicaginis</i> (Lib.) Sacc.: <i>Medicago sativa</i> (alfalfa)-----	Germany-----	1	-----	-----	New York.
<i>Pseudopeziza trifolii</i> (Biv.-Bern.) Fckl.: <i>Trifolium repens</i> var. shamrock-----	Ireland-----	1	-----	-----	Do.
<i>Puccinia allii</i> (DC.) Rud.: <i>Allium sativum</i> (garlic)-----	France-----	-----	1	-----	Texas.
<i>Puccinia arenariae</i> (Schum.) Wint.: <i>Gypsophila</i> sp.-----	Portugal-----	-----	1	-----	Massachu- setts.
<i>Puccinia chrysanthemi</i> Roze: <i>Chrysanthemum morifolium</i> var.-----	Japan-----	1	-----	-----	Washington
<i>Puccinia cichorii</i> (DC.) Bellyneck: <i>Cichorium intybus</i> (chicory)-----	Belgium-----	1	-----	-----	New York.
<i>Puccinia glumarum</i> (Schmidt) Eriks. & E. Henn.: <i>Hordeum vulgare</i> (barley)-----	Japan-----	-----	1	-----	Louisiana.
<i>Triticum aestivum</i> (wheat)-----	Turkey-----	-----	-----	1	District of Columbia.
<i>Puccinia ornithogali-thyrsoides</i> Diet.: <i>Ornithogalum thyrsoides</i> -----	Union of South Africa.	5	-----	-----	Maryland, Massachu- setts, New York, Penn- sylvania.
(chinkerichee) <i>Puccinia phragmitis</i> (Schum.) Koern.: <i>Phragmites communis</i> (reed)-----	Chile, England, France, Netherlands.	4	-----	-----	New York, Ohio.
<i>Puccinia porri</i> (Sow.) Wint.: <i>Allium sativum</i> (garlic)-----	Italy-----	1	-----	-----	Louisiana.
<i>Puccinia urbaniana</i> P. Henn.: <i>Stachytarpheta jamaicensis</i> -----	Puerto Rico---	1	-----	-----	New York.



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<i>Puccinia violae</i> (Schum.) DC.: <i>Viola cornuta</i> (horned violet)-----	Sweden,----- unknown.	1	1	-----	New York.
<i>Pucciniastrum myrtilli</i> (Schum.) Arth.: <i>Rhododendron</i> sp.-----	England-----	-----	-----	1	Washington.
<i>Pyrenochaeta oryzae</i> Miyake: <i>Oryza sativa</i> (rice)-----	India-----	-----	1	-----	Pennsylvania.
<i>Rabenhorstia rudis</i> Fr.: <i>Laburnum watereri</i> ----- (waterer laburnum)	Netherlands-----	-----	-----	1	New Jersey.
<i>Laburnum</i> sp.-----	do-----	-----	-----	1	Do.
<i>Rhizopus necans</i> Mass.: <i>Lycoris</i> sp.-----	China-----	-----	-----	1	Do.
<i>Schizophyllum commune</i> Fr.: <i>Hura crepitans</i> (?)-----	Brazil-----	1	-----	-----	New York.
<i>Tilia tomentosa</i> -----	Italy-----	-----	-----	1	New Jersey.
<i>Sclerotinia kernerii</i> Wettst.: <i>Abies</i> sp.-----	Greece-----	1	-----	-----	New York.
<i>Sclerotinia minor</i> Jagger: <i>Cichorium endivia</i> (endive)-----	Belgium-----	3	-----	-----	Do.
<i>Sclerotinia trifoliorum</i> Eriks.: <i>Trifolium</i> sp. (clover)-----	Afghanistan-----	-----	-----	1	District of Columbia.
<i>Sclerotium cepivorum</i> Berk.: <i>Allium sativum</i> (garlic)-----	Italy-----	3	1	-----	Massachu- setts, New York, Penn- sylvania.
<i>Sclerotium delphinii</i> Welch: <i>Iris tingitana</i> (Morocco iris)-----	France-----	-----	-----	1	New Jersey.
<i>Septobasidium pseudopedicellatum</i> Burt: <i>Citrus sinensis</i> (orange)-----	Brazil-----	-----	1	-----	New York.
<i>Septoria ampelina</i> Berk. & Curt.: <i>Vitis</i> sp. (grape)-----	Mexico-----	-----	-----	1	Texas.
<i>Septoria azaleae</i> Vogl.: <i>Rhododendron</i> sp.----- (Azalea vuylstukeana)	Netherlands-----	-----	-----	1	New Jersey.
<i>Rhododendron</i> sp.-----	Belgium,----- England, Netherlands.	-----	-----	21	New Jersey, Washington.
<i>Septoria bambusella</i> Speg.: Bamboo-----	China-----	1	-----	-----	Washington.
<i>Septoria castanicola</i> Desm.: <i>Castanea</i> sp. (chestnut)-----	Italy-----	-----	-----	1	New Jersey.
<i>Septoria chrysanthemi</i> Allesch.: <i>Chrysanthemum</i> sp.-----	Bermuda,----- England, Netherlands.	1	-----	3	Maryland, New Jersey.
<i>Septoria citri</i> Pass.: <i>Citrus limon</i> (lemon)-----	Italy, Portugal-----	-----	2	-----	Pennsylvania.
<i>Septoria cyclaminis</i> Dur. & Mont.: <i>Cyclamen europaeum</i> ----- (European cyclamen)	Switzerland-----	-----	-----	1	New York.
<i>Cyclamen</i> sp.-----	Italy-----	-----	-----	1	New Jersey.
<i>Septoria dianthi</i> Desm.: <i>Dianthus</i> sp. (carnation)-----	Australia,----- Azores, Brazil, Portugal.	1	1	5	California*, Massachu- setts, New York.
<i>Septoria divaricatae</i> Etl. & Ev.: <i>Phlox</i> sp.-----	England-----	-----	-----	1	New Jersey.
<i>Septoria epipactidis</i> Sacc. (?): <i>Cypripedium insigne</i> (orchid)-----	India-----	-----	-----	1	California.*
<i>Septoria leucanthemi</i> Sacc. & Speg.: <i>Chrysanthemum maximum</i> ----- (Shasta daisy)	Mexico-----	2	-----	-----	Texas.
<i>Chrysanthemum morifolium</i> var.-----	Japan-----	1	-----	-----	Washington.
<i>Septoria limonum</i> Pass.: <i>Citrus limon</i> (lemon)-----	Algeria-----	-----	1	-----	Pennsylvania.
<i>Septoria nodorum</i> Berk.: <i>Triticum aestivum</i> (wheat)-----	India-----	-----	-----	1	District of Columbia.
<i>Septoria oryzae</i> Catt.: <i>Oryza sativa</i> (rice)-----	Japan-----	2	-----	-----	New York, Pennsyl- vania.



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<i>Septoria posekensis</i> Sacc.:					
<i>Bulbophyllum</i> sp. (?)	India			1	New Jersey.
<i>Coelogyne cristata</i> (orchid)	do			1	California.*
<i>Cymbidium devonianum</i> (orchid)	do			2	New Jersey.
<i>Cymbidium pendulum</i>	do			1	California.*
<i>Cypripedium insigne</i> (orchid)	do			1	Do
<i>Odontoglossum citrosimum</i> (orchid)	Mexico			6	Texas.
<i>Oncidium varicosum rogersi</i> (orchid)	Brazil			1	Florida.
<i>Oncidium</i> sp.	Mexico			1	Texas.
<i>Septoria pyricola</i> Desm.:					
<i>Pyrus communis</i> (pear)	Italy	1			Michigan.
<i>Septoria unedonis</i> Rob. & Desm.:					
<i>Arbutus unedo</i> (strawberry-tree)	do			1	New York.
<i>Sorosporium reiliana</i> (Kuehn) McAlp.:					
<i>Sorghum vulgare</i> (sorghum)	India			1	District of Columbia.
<i>Sorghum vulgare technicum</i> (broomcorn)	Argentina, Rumania.	4			New York
<i>Sphaceloma fawcettii</i> Jenkins:					
<i>Citrus</i> sp.	Mexico	1			Texas.
<i>Stachybotrys subsimplex</i> Cke.:					
<i>Musa paradisiaca sapientum</i> (banana)	Panama	1			California.*
<i>Stachylidium theobromae</i> Turc.:					
<i>Musa paradisiaca</i> (plantain)	Cuba, Dominican Republic, Honduras, Puerto Rico.	3	1		New York.
<i>Musa paradisiaca sapientum</i> (banana)	Colombia, Costa Rica, Ecuador, Guatemala, Mexico, Panama, Puerto Rico, Sierra Leone.	16	1		California*, New York, Pennsylvania.
<i>Stagonospora berberidina</i> Sacc.:					
<i>Berberis</i> sp.	Germany			1	New York.
<i>Stagonospora gigantea</i> Heald & Wolf:					
<i>Agave scabra</i>	Mexico			1	Texas.
<i>Stagonospora graminella</i> Sacc.:					
<i>Triticum aestivum</i> (wheat)	India			1	District of Columbia.
<i>Stemphylium botryosum</i> Wallr.:					
<i>Allium cepa</i> (onion)	Mexico	3			Texas.
<i>Allium porrum</i> (leek)	France		1		Pennsylvania.
<i>Allium sativum</i> (garlic)	Mexico	2			Texas.
<i>Crassula</i> sp.	Bermuda	1			Virginia.
<i>Dianthus</i> sp. (carnation)	Denmark, Netherlands, Panama, Portugal (?)	2	1	1	Massachusetts, New Jersey, New York, Virginia.
<i>Hyacinthus</i> sp.	Netherlands			1	Washington.
<i>Nerium oleander</i> (oleander)	Bermuda			1	Maryland.
<i>Stemphylium ilicis</i> Tengwall:					
<i>Hyacinthus</i> sp.	Netherlands	1		4	New York, Pennsylvania, Texas, Virginia.
<i>Muscari</i> sp.	do			1	Michigan.
<i>Stemphylium radicinum</i> (Meier, Drechs. & Eddy) Neerg.:					
<i>Daucus carota</i> (carrot)	England		1		Alabama.
<i>Hyacinthus</i> sp.	Netherlands			1	Washington.
<i>Stilbum incarnatum</i> Wakk.:					
<i>Aglaonema simplex</i> (China green)	China			1	California.*
<i>Eleocharis dulcis</i> (waternut)	do	3			Do.
<i>Thecopsora areolata</i> (Fr.) P. Magn.:					
<i>Prunus</i> sp. (cherry)	Finland			1	Washington.
<i>Thielaviopsis basicola</i> (Berk. & Br.) Ferr.:					
<i>Sinningia speciosa</i> (gloxinia)	Belgium, Netherlands.			27	New York, Pennsylvania.
"Tomato pox":					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	6			Texas.



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<i>Trichoderma lignorum</i> (Tode) Harz.: <i>Leucojum</i> sp. (snowflake)-----	Netherlands--	-----	-----	1	New Jersey.
<i>Tritirachium dependens</i> Limber: <i>Cyclamen</i> sp.-----	Italy-----	-----	-----	1	Do.
<i>Tylenchorhynchus claytoni</i> Steiner: Soil around azaleas-----	Netherlands--	-----	-----	1	Alabama.
<i>Tylenchus putrefaciens</i> Kuhn: <i>Allium sativum</i> (garlic)-----	Mexico-----	1	-----	-----	Texas.
<i>Uredo anthurii</i> (Hariot) Sacc.: <i>Anthurium</i> sp.-----	Guatemala--	-----	-----	1	California.*
<i>Uredo autumnalis</i> Diet.: <i>Chrysanthemum morifolium</i> var.-----	Japan-----	1	-----	-----	Washington.
<i>Uredo behnickiana</i> P. Henn.: <i>Epidendrum</i> sp. (orchid)-----	Mexico-----	-----	-----	1	Texas.
<i>Laelia anceps</i> (orchid)-----	do-----	-----	-----	2	Do.
<i>Oncidium</i> sp. (orchid)-----	Brazil-----	-----	-----	2	New Jersey.
<i>Uredo oncidii</i> P. Henn.: <i>Oncidium cavendishianum</i> (orchid)---	Mexico-----	-----	-----	1	Texas.
<i>Oncidium lanceanum</i> -----	Trinidad---	-----	-----	1	New Jersey.
<i>Urocystis colchici</i> (Schlecht.) Rab.: <i>Colchicum autumnale</i> -----	Netherlands--	-----	-----	3	Do.
(autumn crocus)-----	-----	-----	-----	-----	-----
<i>Colchicum autumnale album</i> -----	do-----	-----	-----	3	Do.
(white autumn crocus)-----	-----	-----	-----	-----	-----
<i>Colchicum</i> sp.-----	do-----	-----	-----	10	Do.
<i>Uromyces alyxiae</i> Arth.: <i>Alyxia olivaeformis</i> (maile alyxia)---	Hawaii-----	6	-----	-----	California.*
<i>Uromyces compactus</i> Pk.: <i>Aster spinosus</i> (devilweed aster)-----	Mexico-----	1	-----	-----	Texas.
<i>Uromyces coronatus</i> Miy. & Nish.: <i>Oryza sativa</i> (rice)-----	Japan-----	2	-----	-----	New York, Pennsyl- vania.
<i>Zizania latifolia</i> (Asiatic wildrice)---	do-----	1	-----	-----	Massachu- setts.
<i>Zizania</i> sp.-----	do-----	1	-----	-----	Do.
<i>Uromyces fabae</i> (Pers.) D. By.: <i>Pisum sativum</i> (pea)-----	India-----	-----	1	-----	New York.
<i>Uromyces lespedezae-procumbentis</i> (Schw.) Curt.: <i>Lespedeza bicolor</i> var. <i>japonica</i> -----	Japan-----	-----	-----	1	District of Columbia.
<i>Uromyces limonii</i> (DC.) Lev.: <i>Limonium sinuatum</i> -----	Switzerland---	1	-----	-----	Michigan.
<i>Uromyces polygoni</i> (Pers.) Fekl.: <i>Rumex</i> sp.-----	Netherlands--	1	-----	-----	Oregon.
<i>Ustilago allii</i> McAlp.: <i>Allium cepa</i> (onion)-----	Australia-----	1	-----	-----	Washington.
<i>Ustilago esculenta</i> P. Henn.: <i>Zizania latifolia</i> (Asiatic wildrice)---	Japan-----	2	-----	-----	New York, Pennsyl- vania.
<i>Ustilago nuda</i> (Jens.) Rostr.: <i>Hordeum vulgare</i> (barley)-----	Italy-----	1	-----	-----	Washington.
<i>Ustilago perennans</i> Rostr.: <i>Arrhenatherum elatius</i> (tall oatgrass)---	Czechoslo- vakia.	1	-----	-----	Ohio.
<i>Ustilago tritici</i> (Pers.) Rostr.: Cereal-----	Netherlands--	1	-----	-----	Texas.
<i>Triticum aestivum</i> (wheat)-----	Italy-----	1	-----	-----	New York.
<i>Venturia inaequalis</i> (Cke.) Wint. <i>ciner- ascens</i> (Fekl.) Aderh.: <i>Sorbus domestica</i> (servicetree)-----	do-----	1	-----	-----	Pennsyl- vania.
<i>Vermicularia dematium</i> Fr.: <i>Cajanus cajan</i> (pigeonpea)-----	Puerto Rico---	1	-----	-----	New York.
<i>Dianthus</i> sp. (carnation)-----	England-----	-----	-----	1	Massachu- setts.
<i>Volutella buxi</i> (Cda.) Berk.: <i>Buxus</i> sp.-----	Netherlands--	-----	-----	1	New Jersey.
<i>Volutella roseolum</i> Cke.: <i>Deutzia</i> sp.-----	do-----	-----	-----	1	Do.
<i>Xanthomonas citri</i> (Hasse) Dowson: <i>Citrus aurantifolia</i> (sour lime)-----	Ceylon, Egypt, India, Orient, Slam.	-----	12	-----	California*, Massachu- setts, New York, Wash- ington.



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<i>Xanthomonas citri</i> —Continued					
<i>Citrus aurantifolia</i> (sweet lime)-----	Philippines-----		1		New York.
<i>Citrus grandis</i> (pummelo)-----	China-----	1			California.*
<i>Citrus limon</i> (lemon)-----	India, Japan-----		3		California*,
					Washington.
<i>Citrus paradisi</i> (grapefruit)-----	India (?),-----	1	2		California*,
	Philippines,-----				New York.
	unknown.				
<i>Citrus reticulata</i> (Mandarin orange)-	China-----	1	1		California*,
					Washington.
<i>Citrus sinensis</i> (orange)-----	China, Japan,-----	7	3		California*,
	Straits-----				Hawaii.
	Settlements.				
<i>Citrus sinensis</i> (Navel orange)-----	Japan-----		1		Oregon.
<i>Xanthomonas hyacinthi</i> (Wakk.) Dowson:					
<i>Hyacinthus</i> sp.-----	Netherlands-----			3	Michigan.
<i>Xanthomonas vesicatoria</i> (Doidge)					
Dowson:					
<i>Capsicum frutescens</i> (pepper)-----	Mexico-----	1			Texas.



- ABIES:**  
*Sclerotinia kernerii* (Ascomycetes)  
**AGAVE:**  
*Cercospora fourcroyae* (Deuteromycetes)  
*Colletotrichum agaves* (Deuteromycetes)  
*Stagonospora gigantea* (Deuteromycetes)  
**AGLAONEMA:**  
*Stilbum incarnatum* (Deuteromycetes)  
**AGROPYRON:**  
*Claviceps purpurea* (Ascomycetes)  
**AGROSTIS:**  
*Claviceps microcephala* (Ascomycetes)  
**ALLIUM ASCALONICUM:**  
*Mycosphaerella allicina* (Ascomycetes)  
**ALLIUM CEPA:**  
*Alternaria porri* (Deuteromycetes)  
*Curvularia lunata* (Deuteromycetes)  
*Stemphylium botryosum* (Deuteromycetes)  
*Ustilago allii* (Promycetes)  
**ALLIUM PORRUM:**  
*Stemphylium botryosum* (Deuteromycetes)  
**ALLIUM SATIVUM:**  
*Botrytis elliptica* (Deuteromycetes)  
*Ditylenchus dipsaci* (Nematoda)  
*Heterosporium allii* (Deuteromycetes)  
*Puccinia allii* (Promycetes)  
*Puccinia porri* (Promycetes)  
*Sclerotium cepivorum* (Deuteromycetes)  
*Stemphylium botryosum* (Deuteromycetes)  
*Tylenchus putrefaciens* (Nematoda)  
**ALYXIA:**  
*Uromyces alyxiae* (Promycetes)  
**ANTHURIUM:**  
*Nigrospora sphaerica* (Deuteromycetes)  
*Phyllachora engleri* (Ascomycetes)  
*Uredo anthurii* (Promycetes)  
**ARACHIS:**  
*Ditylenchus destructor* (?) (Nematoda)  
**ARBUTUS:**  
*Septoria unedonis* (Deuteromycetes)  
**ARRHENATHERUM:**  
*Ustilago perennans* (Promycetes)  
**ASPIDISTRA:**  
*Colletotrichum omnivorum* (Deuteromycetes)  
**ASTER:**  
*Acrobeles ciliatus* (Nematoda)  
*Aphelenchus avenae* (Nematoda)  
*Uromyces compactus* (Promycetes)  
**AUCUBA:**  
*Phyllosticta aucubicola* (Deuteromycetes)  
**AVENA:**  
*Helminthosporium avenae* (Deuteromycetes)  
**BAMBOO:**  
*Eutypella bambusina* (Ascomycetes)  
*Septoria bambusella* (Deuteromycetes)  
**BAMBUSA:**  
*Papularia sphaerosperma* (Deuteromycetes)  
**BERBERIS:**  
*Leptosphaeria berberidis* (Ascomycetes)  
*Leptothyrium berberidis* (Deuteromycetes)  
*Stagonospora berberidina* (Deuteromycetes)  
**BRACHIARIA:**  
*Collectotrichum graminicolum* (Deuteromycetes)  
**BRASSIA:**  
*Phyllosticta laeliae* (Deuteromycetes)  
**BRASSICA NAPOBRASSICA:**  
*Gliomastix penicilloides* (Deuteromycetes)  
**BRASSICA RAPA:**  
*Plasmodiophora brassicae* (Myxomycetes)  
**BROMELIAD:**  
*Metasphaeria caraguata* (Ascomycetes)  
**BULBOPHYLLUM** (?):  
*Septoria posekensis* (Deuteromycetes)  
**BUXUS:**  
*Volutella buxi* (Deuteromycetes)  
**CAJANUS:**  
*Colletotrichum cajani* (Deuteromycetes)  
*Vermicularia dematium* (Deuteromycetes)  
**CAMELLIA:**  
Camellia yellow-spot virus  
*Heterodera goettingiana* (Nematoda)  
*Phyllosticta camelliae* (Deuteromycetes)  
**CAMPANULA:**  
*Coleosporium campanulae* (Promycetes)  
**CAPSICUM:**  
*Curvularia lunata* (Deuteromycetes)  
*Gloeosporium piperatum* (Deuteromycetes)  
*Phomopsis capsici* (Deuteromycetes)  
**CAPSICUM—Continued**  
*Xanthomonas vesicatoria* (Schizomycetes)  
**CASTANEA:**  
*Cytospora ceratophora* (Deuteromycetes)  
*Mycosphaerella maculiformis* (Ascomycetes)  
*Pestalotia nucicola* (Deuteromycetes)  
*Septoria castanicola* (Deuteromycetes)  
**CATTLEYA:**  
*Memnoniella echinata* (Deuteromycetes)  
*Pestalotia conspicua* (Deuteromycetes)  
*Physalospora wildeமானiana* (Ascomycetes)  
**CHRYSANTHEMUM:**  
*Puccinia chrysanthemi* (Promycetes)  
*Septoria chrysanthemi* (Deuteromycetes)  
*Septoria leucanthemi* (Deuteromycetes)  
*Uredo autumnalis* (Promycetes)  
**CICHORIUM:**  
*Puccinia cichorii* (Promycetes)  
*Sclerotinia minor* (Ascomycetes)  
**CITRULLUS:**  
*Colletotrichum lagenarium* (Deuteromycetes)  
**CITRUS AURANTIFOLIA:**  
*Elsinoe australis* (Ascomycetes)  
*Xanthomonas citri* (Schizomycetes)  
**CITRUS GRANDIS:**  
*Phoma citricarpa* (Deuteromycetes)  
*Xanthomonas citri* (Schizomycetes)  
**CITRUS LIMON:**  
Cancrosis "B":  
*Elsinoe australis* (Ascomycetes)  
*Phoma citricarpa* (Deuteromycetes)  
*Septoria citri* (Deuteromycetes)  
*Septoria limonum* (Deuteromycetes)  
*Xanthomonas citri* (Schizomycetes)  
**CITRUS PARADISI:**  
*Phoma citricarpa* (Deuteromycetes)  
*Xanthomonas citri* (Schizomycetes)  
**CITRUS RETICULATA:**  
*Elsinoe australis* (Ascomycetes)  
*Leptothyrium pomi* (Deuteromycetes)  
*Phoma citricarpa* (Deuteromycetes)  
*Xanthomonas citri* (Schizomycetes)  
**CITRUS SINENSIS:**  
*Alternaria citri* (Deuteromycetes)  
*Diaporthe citri* (Ascomycetes)  
*Elsinoe australis* (Ascomycetes)  
*Phoma citricarpa* (Deuteromycetes)  
*Septobasidium pseudopedicellatum* (Basidiomycetes)  
*Xanthomonas citri* (Schizomycetes)  
**CITRUS SP.:**  
*Phoma citricarpa* (Deuteromycetes)  
*Sphaceloma fawcettii* (Deuteromycetes)  
**COCOS:**  
*Botryosphaeria ribis* (Ascomycetes)  
**CODIAEUM:**  
*Phyllosticta codiaeicola* (Deuteromycetes)  
**COELOGYNE:**  
*Septoria posekensis* (Deuteromycetes)  
**COLCHICUM:**  
*Ditylenchus* sp. (undescribed) (Nematoda)  
*Urocystis colchici* (Promycetes)  
**COLOCASIA:**  
*Memnoniella echinata* (Deuteromycetes)  
**CONVALLARIA:**  
*Aphelenchus aderholdi* (Nematoda)  
**CORDYLINE:**  
*Phyllosticta draconis* (Deuteromycetes)  
**CORYPHANTHA:**  
*Mycosphaerella opuntiae* (Ascomycetes)  
**CRASSULA:**  
*Stemphylium botryosum* (Deuteromycetes)  
**CROCUS:**  
*Fusarium oxysporum* (Deuteromycetes)  
**CRYPTOMERIA:**  
*Pestalotia cryptomeriae* (Deuteromycetes)  
**CUCUMIS:**  
*Mycosphaerella citrullina* (Ascomycetes)  
**CUCURBITA:**  
*Phytophthora cactorum* (Phycomycetes)  
**CUPRESSUS:**  
*Gymnosporangium haraeaeum* (Promycetes)  
**CYCLAMEN:**  
*Septoria cyclaminis* (Deuteromycetes)  
*Tritirachium dependens* (Deuteromycetes)  
**CYMBIDIUM:**  
*Chaetomium indicum* (Ascomycetes)  
*Septoria posekensis* (Deuteromycetes)



CYPRIPEDIUM:

- Septoria epipactidis* (?) (Deuteromycetes)
- Septoria posekensis* (Deuteromycetes)

DAHLIA:

- Cytospora dahliae* (Deuteromycetes)

DAUCUS:

- Stemphylium radicinum* (Deuteromycetes)

DENDROBIUM:

- Physalospora orchidearum* (Ascomycetes)

DEUTZIA:

- Volutella roseolum* (Deuteromycetes)

DIANTHUS:

- Alternaria dianthi* (Deuteromycetes)
- Septoria dianthi* (Deuteromycetes)
- Stemphylium botryosum* (Deuteromycetes)
- Vermicularia dematium* (Deuteromycetes)

ECHINOCACTUS:

- Leptosphaeria opuntiae* (Ascomycetes)

ELEOCHARIS:

- Glomastix convoluta* (Deuteromycetes)
- Melanospora zamiae* (Ascomycetes)
- Memnoniella echinata* (Deuteromycetes)
- Stilbum incarnatum* (Deuteromycetes)

EPIDENDRUM:

- Uredo behnickiana* (Promycetes)

ERICA:

- Laestadia rouzii* (Ascomycetes)

ERIOBOTRYA:

- Orbillia rubella* (Ascomycetes)

FAGUS:

- Fusicoccum galericulatum* (Deuteromycetes)

FESTUCA:

- Claviceps purpurea* (Ascomycetes)

FRAGARIA:

- Mycosphaerella fragariae* (Ascomycetes)

GALANTHUS:

- Botrytis galanthina* (Deuteromycetes)

GARDENIA:

- Omphalia flava* (Deuteromycetes)

GENISTA:

- Physalospora obtusa* (Ascomycetes)

GLADIOLUS:

- Botrytis gladiolorum* (Deuteromycetes)
- Fusarium oxysporum* f. *gladioli* (Deuteromycetes)
- Pseudomonas marginata* (Schizomycetes)

GYP SOPHILA:

- Alternaria gypsophilae* (Deuteromycetes)
- Puccinia arenariae* (Promycetes)

HAWORTHIA:

- Ascochyta haworthiae* (Deuteromycetes)

HELLEBORUS:

- Coniothyrium hellebori* (Deuteromycetes)

HIBISCUS:

- Cercospora malayensis* (Deuteromycetes)

HORDEUM:

- Puccinia glumarum* (Promycetes)
- Ustilago nuda* (Promycetes)

HOYA:

- Gloeosporium affine* (Deuteromycetes)

HURA:

- Cytospora chrysosperma* (Deuteromycetes)
- Polyporus occidentalis* (Basidiomycetes)
- Schizophyllum commune* (Basidiomycetes)

HYACINTHUS:

- Stemphylium botryosum* (Deuteromycetes)
- Stemphylium ilicis* (Deuteromycetes)
- Stemphylium radicinum* (Deuteromycetes)
- Xanthomonas hyacinthi* (Schizomycetes)

ILEX:

- Physalospora ilicis* (Ascomycetes)

IRIS:

- Collectotrichum lilii* (Deuteromycetes)
- Ditylenchus* sp. (undescribed) (Nematoda)
- Fusarium oxysporum* (Deuteromycetes)
- Leptosphaeria heterospora* (Ascomycetes)
- Sclerotium delphinii* (Deuteromycetes)

JUNIPERUS:

- Gymnosporangium haraeae* (Promycetes)
- Lophodermium juniperinum* (Ascomycetes)
- Pestalotia funerea* (Deuteromycetes)

KERRIA:

- Phoma japonica* (Deuteromycetes)

LABURNUM:

- Rabenhorstia rudis* (Deuteromycetes)

LAELIA:

- Diplodia paraphysaria* (Deuteromycetes)
- Pestalotia inconspicua* (Deuteromycetes)

LAELIA—Continued

- Pestalotia microspora* (Deuteromycetes)
- Phyllosticta laeliae* (Deuteromycetes)
- Physalospora campotropa* (Ascomycetes)
- Physalospora cattleyae* (Ascomycetes)
- Physalospora wildemaniana* (Ascomycetes)
- Uredo behnickiana* (Promycetes)

LECYTHIS:

- Diplodia theobromae* (Deuteromycetes)

LESPEDeza:

- Uromyces lespedezae-procumbentis* (Promycetes)

LEUCOJUM:

- Trichoderma lignorum* (Deuteromycetes)

LEUCOTHOE:

- Phyllosticta leucothoes* (Deuteromycetes)

LILIACEAE:

- Colletotrichum lilii* (Deuteromycetes)

LILIUM:

- Botrytis elliptica* (Deuteromycetes)
- Colletotrichum lilii* (Deuteromycetes)
- Glomastix convoluta* (Deuteromycetes)

LIMONIUM:

- Uromyces limonii* (Promycetes)

LYCOPERSICON:

- Alternaria porri* (Deuteromycetes)
- Helminthosporium carposaprum* (Deuteromycetes)
- Hormodendron cladosporioides* (Deuteromycetes)
- Myrothecium roridum* (Deuteromycetes)
- Phytophthora parasitica* (Phycomycetes)
- "Tomato pox"

LYCORIS:

- Rhizopus necans* (Phycomycetes)

MAGNOLIA:

- Karschia lignyota* (Ascomycetes)
- Phomopsis magnoliae* (Deuteromycetes)

MAHONIA:

- Cumminsella sanguinea* (Promycetes)

MALUS:

- Elsinoe piri* (Ascomycetes)
- Leptothyrium pomi* (Deuteromycetes)
- Monilinia fructigena* (Ascomycetes)
- Mycosphaerella pomi* (Ascomycetes)

MANGIFERA:

- Pestalotia funerea* (Deuteromycetes)
- Phyllosticta mortoni* (Deuteromycetes)

MANIHOT:

- Diplodia theobromae* (Deuteromycetes)

MEDICAGO:

- Pseudopeziza medicaginis* (Ascomycetes)

MUSA PARADISIACA:

- Cercospora musae* (Deuteromycetes)
- Diplodia theobromae* (Deuteromycetes)
- Stachylidium theobromae* (Deuteromycetes)

MUSA PARADISIACA SAPIENTUM:

- Cercospora musae* (Deuteromycetes)
- Leptosphaeria musarum* (Ascomycetes)
- Macrophoma musae* (Deuteromycetes)
- Memnoniella echinata* (Deuteromycetes)
- Stachybotrys subsimplex* (Deuteromycetes)
- Stachylidium theobromae* (Deuteromycetes)

MUSCARI:

- Stemphylium ilicis* (Deuteromycetes)

NARCISSUS:

- Ditylenchus dipsaci* (Nematoda)
- Fusarium oxysporum* f. *narcissi* (Deuteromycetes)
- Glomastix convoluta* (Deuteromycetes)
- Phyllosticta narcissi* (Deuteromycetes)

NERIUM:

- Cercospora neriella* (Deuteromycetes)
- Phyllosticta nerii* (Deuteromycetes)
- Stemphylium botryosum* (Deuteromycetes)

NYMPHAEA:

- Diplodia theobromae* (Deuteromycetes)

ODONTOGLOSSUM:

- Cercospora angreci* (Deuteromycetes)
- Septoria posekensis* (Deuteromycetes)

ONCIDIUM:

- Diplodia paraphysaria* (Deuteromycetes)
- Septoria posekensis* (Deuteromycetes)
- Uredo behnickiana* (Promycetes)
- Uredo oncidii* (Promycetes)

OPUNTIA:

- Mycosphaerella opuntiae* (Ascomycetes)
- Phyllosticta concava* (Deuteromycetes)

ORCHID:

- Gloeosporium orchidearum* (Deuteromycetes)
- Periola hirsuta* (Deuteromycetes)



ORNITHOGALUM:

- Heterosporium ornithogali* (Deuteromycetes)  
*Puccinia ornithogali-thyrsoidea* (Promycetes)

ORYZA:

- Helminthosporium oryzae* (Deuteromycetes)  
*Memnoniella echinata* (Deuteromycetes)  
*Neovossia horrida* (Promycetes)  
*Nigrospora sphaerica* (Deuteromycetes)  
*Phaeosphaeria oryzae* (Ascomycetes)  
*Phyllosticta glumarum* (Deuteromycetes)  
*Pyrenochaeta oryzae* (Deuteromycetes)  
*Septoria oryzae* (Deuteromycetes)  
*Uromyces coronatus* (Promycetes)

PAEONIA:

- Monochaetia paeoniae* (Deuteromycetes)  
*Pezizella lythri* (Ascomycetes)

PALM:

- Diplodia theobromae* (Deuteromycetes)  
*Gloeosporium catechu* (Deuteromycetes)  
*Pestalotia palmarum* (Deuteromycetes)

PASPALUM:

- Claviceps paspali* (Ascomycetes)

PERSEA:

- Pseudomonas syringae* (Schizomycetes)

PHASEOLUS LUNATUS MACROCARPUS:

- Cercospora canescens* (Deuteromycetes)  
*Elsinoe phaseoli* (Ascomycetes)

PHASEOLUS VULGARIS:

- Hormodendron cladosporioides* (Deuteromycetes)  
*Pseudomonas phaseolicola* (Schizomycetes)

PHASEOLUS VULGARIS VAR.:

- Isariopsis griseola* (Deuteromycetes)

PHILODENDRON:

- Diplodia theobromae* (Deuteromycetes)  
*Mycosphaerella philodendri* (Ascomycetes)

PHLOX:

- Septoria divaricatae* (Deuteromycetes)

PHOENIX:

- Phomopsis phoenicola* (Deuteromycetes)

PHRAGMITES:

- Puccinia phragmitis* (Promycetes)

PHYSALIS:

- Ascochyta lycopersici* (Deuteromycetes)  
*Colletotrichum phomoides* (Deuteromycetes)

PINUS:

- Coleosporium senecionis* (Promycetes)  
*Naemacyclus niveus* (Ascomycetes)  
*Pestalotia funerea* (Deuteromycetes)  
*Pestalotia peregrina* (Deuteromycetes)  
*Phoma pinicola* (Deuteromycetes)

PISUM:

- Ascochyta pisi* (Deuteromycetes)  
*Colletotrichum pisi* (Deuteromycetes)  
*Mycosphaerella pinodes* (Ascomycetes)  
*Peronospora pisi* (Phycomycetes)  
*Uromyces fabae* (Promycetes)

PLUMERIA:

- Coleosporium domingense* (Promycetes)

POPULUS:

- Marsonina populi* (Deuteromycetes)

PROTEA:

- Phaeosphaerella senniana* (?) (Ascomycetes)

PRUNUS PERSICA:

- Coryneum beijerinckii* (Deuteromycetes)  
*Monilinia fructigena* (Ascomycetes)

PRUNUS SP. (cherry):

- Cercospora circumscissa* (Deuteromycetes)  
*Thecopsora areolata* (Deuteromycetes)

PSIDIUM:

- Botryosphaeria ribis* (Ascomycetes)  
*Pestalotia psidii* (Deuteromycetes)

PUERARIA:

- Melanospora zamiae* (Ascomycetes)

PUNICA:

- Cytospora punica* (Deuteromycetes)

PYRACANTHA:

- Fusicladium pyracanthae* (Deuteromycetes)

PYRUS:

- Physalospora obtusa* (Ascomycetes)  
*Septoria pyricola* (Deuteromycetes)

RAPHANUS:

- Aphanomyces raphani* (Phycomycetes)

RHODODENDRON:

- Cercospora handelii* (Deuteromycetes)  
*Coniothyrium olivaceum* (Deuteromycetes)  
*Coniothyrium rhododendri* (Deuteromycetes)  
*Coryneum rhododendri* (Deuteromycetes)  
*Diplodina eurhododendri* (Deuteromycetes)

RHODODENDRON—Continued

- Exobasidium vaccinii* (Basidiomycetes)  
*Gloeosporium rhododendri* (Deuteromycetes)  
*Lachnum virgineum* (Ascomycetes)  
*Mycosphaerella clintoniana* (Ascomycetes)  
*Mycosphaerella rhododendri* (Ascomycetes)  
*Pestalotia macrotricha* (Deuteromycetes)  
*Phyllosticta saccardoii* (Deuteromycetes)  
*Pucciniastrum myrtilli* (Promycetes)  
*Septoria azaleae* (Deuteromycetes)

RIBES:

- Diplodina grossulariae* (Deuteromycetes)

ROSA:

- Cercospora rosicola* (Deuteromycetes)  
*Diplocarpon rosae* (Ascomycetes)  
*Pezizella lythri* (Ascomycetes)  
*Phragmidium disciflorum* (Promycetes)

RUMEX:

- Uromyces polygoni* (Promycetes)

RUSCUS:

- Leptosphaeria rusci* (Ascomycetes)  
*Phyllosticta ruscicola* (Deuteromycetes)

SALIX:

- Cytospora ambiens* (Deuteromycetes)  
*Cytospora chrysosperma* (Deuteromycetes)

SECHIUM:

- Mycosphaerella citrullina* (Ascomycetes)

SINNINGIA:

- Thielaviopsis basicola* (Deuteromycetes)

SOIL:

- Acrobeles ciliatus* (Nematoda)  
*Heterodera goettingiana* (Nematoda)  
*Heterodera punctata* (Nematoda)  
*Heterodera rostochiensis* (Nematoda)  
*Mononchus papillatus* (Nematoda)  
*Tylenchorhynchus claytoni* (Nematoda)

SOLANUM:

- Gliomastix convoluta* (Deuteromycetes)  
*Pseudomonas solanacearum* (Schizomycetes)

SORBUS:

- Phomopsis sorbicola* (Deuteromycetes)  
*Venturia inaequalis* var. *cinerascens* (Ascomycetes)

SORGHUM:

- Cerebella andropogonis* (Deuteromycetes)  
*Phoma insidiosa* (Deuteromycetes)  
*Sorosporium reiliana* (Promycetes)

SPARAXIS:

- Pseudomonas marginata* (Schizomycetes)

SPINACIA:

- Peronospora effusa* (Phycomycetes)

STACHYTARPHETA:

- Puccinia urbaniana* (Promycetes)

STANHOPEA:

- Pestalotia conspicua* (Deuteromycetes)  
*Physalospora campiospora* (Ascomycetes)  
*Physalospora wildemaniana* (Ascomycetes)

STENOLOBIUM:

- Prospodium appendiculatum* (Promycetes)

TAXUS:

- Diplodia taxi* (Deuteromycetes)

TILIA:

- Schizophyllum commune* (Basidiomycetes)

TRIFOLIUM:

- Pseudopeziza trifolii* (Ascomycetes)  
*Sclerotinia trifoliorum* (Ascomycetes)

TRITICUM:

- Anguina tritici* (Nematoda)  
*Neovossia indica* (Promycetes)  
*Puccinia glumarum* (Promycetes)  
*Septoria nodorum* (Deuteromycetes)  
*Stagonospora graminella* (Deuteromycetes)  
*Ustilago tritici* (Promycetes)

TRITONIA:

- Botrytis gladiolorum* (Deuteromycetes)

TULIPA:

- Botrytis tulipae* (Deuteromycetes)  
*Papulaspora parasitica* (Deuteromycetes)

VACCINIUM:

- Lophodermium oxycocci* (Ascomycetes)

VANDA:

- Diplodia paraphysaria* (Deuteromycetes)  
*Gloeosporium affine* (?) (Deuteromycetes)  
*Gloeosporium beyrodtii* (Deuteromycetes)  
*Pestalotia conspicua* (Deuteromycetes)

VIOLA:

- Puccinia violae* (Promycetes)

VITIS:

- Septoria ampelina* (Deuteromycetes)



WISTERIA:

*Phomopsis seposita* (Deuteromycetes)

ZEALAND:

*Nigrospora sphaerica* (Deuteromycetes)

ZINGIBER:

*Gliomastix convoluta* (Deuteromycetes)

*Melanospora zamiae* (Ascomycetes)

*Memnoniella echinata* (Deuteromycetes)

ZIZANIA:

*Uromyces coronatus* (Promycetes)

*Ustilago esculenta* (Promycetes)

Hosts unknown

CEREAL:

*Ustilago tritici* (Promycetes)

Countries of origin and diseases

AFGHANISTAN:

*Anguina tritici*

*Sclerotinia trifoliorum*

AITUTAKI ISLAND:

*Diaporthe citri*

ALGERIA:

*Septoria limonum*

ARGENTINA:

*Alternaria citri*

Cancrosis "B"

*Elsinoe australis*

*Sorosporium reilianae*

AUSTRALIA:

*Alternaria dianthi*

*Gliomastix penicilloides*

*Gloeosporium affine*

*Phoma citricarpa*

*Physalospora orchidearum*

*Septoria dianthi*

*Ustilago allii*

AZORES:

*Heterodera goettingiana*

*Phomopsis phoenicola*

*Septoria dianthi*

BARBADOS:

*Phomopsis capsici*

BELGIUM:

*Cercospora angreci*

*Cercospora handelii*

*Collectotrichum omnivorum*

*Coryneum beijerinckii*

*Fusicoccum galeuculatum*

*Mycosphaerella clintoniana*

*Puccinia cichorii*

*Sclerotinia minor*

*Septoria azaleae*

*Thielaviopsis basicola*

BERMUDA:

*Cercospora neriella*

*Phyllosticta codiaeicola*

*Phyllosticta nerii*

*Septoria chrysanthemi*

*Stemphylium botryosum*

BRAZIL:

*Alternaria dianthi*

*Alternaria gypsophilae*

*Collectotrichum lagenarium*

*Cytospora chrysosperma*

*Diaporthe citri*

*Elsinoe australis*

*Polyporus occidentalis*

*Schizophyllum commune*

*Septobasidium pseudopedicellatum*

*Septoria dianthi*

*Septoria posekensis*

*Uredo behnickiana*

BRITISH COLUMBIA

*Lophodermium oxycocci*

BRITISH GUIANA:

*Diplodia theobromae*

BRITISH WEST INDIES:

*Gloeosporium orchidearum*

CANADA:

*Collectotrichum lilii*

*Fusarium oxysporum* f. *gladioli*

*Phoma pinicola*

CANAL ZONE:

*Cercospora musae*

*Helminthosporium oryzae*

CANAL ZONE—Continued

*Pestalotia palmarum*

CANTON ISLAND:

*Phoma citricarpa*

CEYLON:

*Xanthomonas citri*

CHILE:

*Puccinia phragmitis*

CHINA:

*Botrytis elliptica*

*Colletotrichum lilii*

*Gliomastix convoluta*

*Leptothyrium pomi*

*Melanospora zamiae*

*Memnoniella echinata*

*Phaeosphaeria oryzae*

*Phoma citricarpa*

*Rhizopus necans*

*Septoria bambusella*

*Stilbum incarnatum*

*Xanthomonas citri*

COLOMBIA:

*Cercospora musae*

*Leptosphaeria musarum*

*Nigrospora sphaerica*

*Physalospora wildemaniae*

*Stachylidium theobromae*

COSTA RICA:

*Cercospora musae*

*Memnoniella echinata*

*Metasphaeria caraguata*

*Stachylidium theobromae*

CUBA:

*Cercospora malayensis*

*Curvularia lunata*

*Diplodia theobromae*

*Elsinoe phaseoli*

*Gloeosporium piperatum*

*Phomopsis capsici*

*Stachylidium theobromae*

CYPRUS:

*Alternaria citri*

CZECHOSLOVAKIA:

*Ustilago perennans*

DENMARK:

*Aphelenchus aderholdi*

*Coleosporium senecionis*

*Diplodina grossulariae*

*Heterodera goettingiana*

*Naemacyclus niveus*

*Pestalotia peregrina*

*Stemphylium botryosum*

DOMINICAN REPUBLIC:

*Stachylidium theobromae*

ECUADOR:

*Stachylidium theobromae*

EGYPT:

*Hormodendron cladosporioides*

*Phragmidium disciflorum*

*Xanthomonas citri*

ENGLAND:

*Ascochyta pisi*

*Botrytis gladiolorum*

*Claviceps microcephala*

*Coniothyrium olivaceum*

*Cytospora ambiens*

*Gliomastix convoluta*

*Gloeosporium rhododendri*

*Helminthosporium avenae*

*Heterodera punctata*

*Heterodera rostochiensis*

*Mycosphaerella clintoniana*

*Mycosphaerella fragariae*

*Pestalotia macrotricha*

*Pezizella lythri*

*Phyllosticta camelliae*

*Phyllosticta saccardoi*

*Plasmodiophora brassicae*

*Puccinia phragmitis*

*Pucciniastrum myrtilli*

*Septoria azaleae*

*Septoria chrysanthemi*

*Septoria divaricatae*

*Stemphylium radicum*

*Vermicularia dematium*

FIJI ISLANDS:

*Memnoniella echinata*



FINLAND:

*Thecopsora areolata*

FORMOSA:

*Phoma citricarpa*

FRANCE:

*Camellia* yellow-spot virus

*Cumminsia sanguinea*

*Cytospora dahliae*

*Gliomastix convoluta*

*Leptothyrium pomi*

*Pezizella lythri*

*Puccinia allii*

*Puccinia phragmitis*

*Sclerotium delphinii*

*Stemphylium botryosum*

GERMANY:

*Acrobeles ciliatus*

*Aphelenchus aderholdi*

*Aphelenchus avenae*

*Coryneum beijerincki*

*Diplodina grossulariae*

*Fusarium oxysporum* f. *gladioli*

*Heterodera rostochiensis*

*Leptosphaeria berberidis*

*Leptothyrium berberidis*

*Marsonina populi*

*Physalospora obtusa*

*Pseudopeziza medicaginis*

*Stagonospora berberidina*

GREECE:

*Sclerotinia kernerii*

GUAM:

*Botryosphaeria ribis*

*Gloeosporium catechu*

GUATEMALA:

*Cercospora musae*

*Cercospora rosicola*

*Colletotrichum lilii*

*Cumminsia sanguinea*

*Diplodia theobromae*

*Eutypella bambusina*

*Leptosphaeria musarum*

*Nigrospora sphaerica*

*Phyllachora engleri*

*Phyllosticta laeliae*

*Stachylidium theobromae*

*Uredo anthurii*

HAITI:

*Mycosphaerella citrullina*

HAWAII:

*Exobasidium vaccinii*

*Helminthosporium oryzae*

*Memnoniella echinata*

*Phyllosticta draconis*

*Uromyces alyxiae*

HONDURAS:

*Cercospora musae*

*Diplodia theobromae*

*Stachylidium theobromae*

INDIA:

*Chaetomium indicum*

*Colletotrichum lilii*

*Diplodia paraphysaria*

*Gloeosporium affine* (?)

*Gloeosporium beyrodtii*

*Macrophoma musae*

*Neovossia indica*

*Popularia sphaerosperma*

*Phoma insidiosa*

*Pyrenochaeta oryzae*

*Septoria epipactidis* (?)

*Septoria nodorum*

*Septoria posekensis*

*Sorosporium reiliana*

*Stagonospora graminella*

*Uromyces fabae*

*Xanthomonas citri*

IRAN:

*Anguina tritici*

IRAQ:

*Anguina tritici*

IRELAND:

*Heterodera rostochiensis*

*Pseudopeziza trifolii*

ITALY:

*Cercospora circumscissa*

*Cytospora ceratophora*

*Leptosphaeria rusci*

ITALY—Continued

*Mycosphaerella maculiformis*

*Mycosphaerella pomi*

*Pestalotia nucicola*

*Phragmidium disciflorum*

*Phyllosticta ruscicola*

*Pseudomonas marginata*

*Puccinia porri*

*Schizophyllum commune*

*Sclerotium cepivorum*

*Septoria castanicola*

*Septoria citri*

*Septoria cyclaminis*

*Septoria pyricola*

*Septoria unedonis*

*Tritirachium dependens*

*Ustilago nuda*

*Ustilago tritici*

*Venturia inaequalis* var. *cinerascens*

JAMAICA:

*Diplodia theobromae*

*Phytophthora parasitica*

JAPAN:

*Botrytis elliptica*

*Colletotrichum lilii*

*Diplodia taxi*

*Gliomastix convoluta*

*Gymnosporangium haraeae*

*Helminthosporium oryzae*

*Lophodermium juniperinum*

*Memnoniella echinata*

*Monochaetia paeoniae*

*Mycosphaerella allicina*

*Nigrospora sphaerica*

*Pestalotia cryptomeriae*

*Phaeosphaeria oryzae*

*Phoma citricarpa*

*Phoma japonica*

*Puccinia chrysanthemi*

*Puccinia glumarum*

*Septoria leucanthemi*

*Septoria oryzae*

*Uredo autumnalis*

*Uromyces coronatus*

*Uromyces lespedezae-procumbentis*

*Ustilago esculenta*

*Xanthomonas citri*

KENYA:

*Phoma insidiosa*

KOREA:

*Physalospora ilicis*

LIBERIA:

*Cerebella andropogonis*

MEXICO

*Alternaria porri*

*Aphanomyces raphani*

*Ascochyta lycopersici*

*Ascochyta pisi*

*Cercospora musae*

*Cercospora rosicola*

*Colletotrichum agaves*

*Colletotrichum phomoides*

*Colletotrichum pisi*

*Curvularia lunata*

*Cytospora punica*

*Diplocarpon rosae*

*Diplodia paraphysaria*

*Ditylenchus dipsaci*

*Helminthosporium carposaprum*

*Helminthosporium oryzae*

*Heterosporium allii*

*Hormodendron cladosporioides*

*Leptosphaeria opuntiae*

*Mycosphaerella citrullina*

*Mycosphaerella opuntiae*

*Mycosphaerella philodendri*

*Mycosphaerella pinodes*

*Myrothecium roridum*

*Omphalia flavida*

*Orbilia rubella*

*Peronospora effusa*

*Pestalotia funerea*

*Pestalotia inconspicua*

*Pestalotia microspora*

*Pestalotia palmarum*

*Pestalotia psidii*

*Phyllosticta concava*



MEXICO—Continued

*Phyllosticta glumarum*  
*Phyllosticta laeliae*  
*Phyllosticta mortoni*  
*Physalospora camptospora*  
*Physalospora cattleyae*  
*Physalospora wildemaniana*  
*Phytophthora cactorum*  
*Prospodium appendiculatum*  
*Pseudomonas phaseolicola*  
*Pseudomonas solanacearum*  
*Pseudomonas syringae*  
*Septoria ampelina*  
*Septoria leucanthemi*  
*Septoria posekensis*  
*Sphaceloma fawcettii*  
*Stachylidium theobromae*  
*Stagonospora gigantea*  
*Stemphylium botryosum*  
 "Tomato pox"  
*Tylenchus putrefaciens*  
*Uredo behnickiana*  
*Uredo oncidii*  
*Uromyces compactus*  
*Xanthomonas vesicatoria*

NETHERLANDS:

*Acrobeles ciliatus*  
*Ascochyta pisi*  
*Botrytis galanthina*  
*Botrytis gladiolorum*  
*Botrytis tulipae*  
*Coleosporium campanulae*  
*Coniothyrium hellebori*  
*Coniothyrium rhododendri*  
*Coryneum rhododendri*  
*Ditylenchus dipsaci*  
*Ditylenchus* sp. (undescribed)  
*Fusarium oxysporum*  
*Fusarium oxysporum* f. *gladioli*  
*Fusarium oxysporum* f. *narcissi*  
*Fusicladium pyracanthae*  
*Gliomastix convoluta*  
*Karschia lignyota*  
*Lachnum virgineum*  
*Leptosphaeria heterospora*  
*Monilinia fructigena*  
*Mononchus papillatus*  
*Mycosphaerella rhododendri*  
*Papulaspora parasitica*  
*Pestalotia macrotricha*  
*Phomopsis magnoliae*  
*Phomopsis seposita*  
*Phomopsis sorbicola*  
*Phyllosticta aucubicola*  
*Phyllosticta leucothoes*  
*Phyllosticta narcissi*  
*Pseudomonas marginata*  
*Puccinia phragmitis*  
*Rabenhorstia rudis*  
*Septoria azaleae*  
*Septoria chrysanthemi*  
*Stemphylium botryosum*  
*Stemphylium ilicis*  
*Stemphylium radicinum*  
*Thielaviopsis basicola*  
*Trichoderma lignorum*  
*Tylenchorhynchus claytoni*  
*Urocystis colchici*  
*Uromyces polygoni*  
*Ustilago tritici*  
*Volutella buxi*  
*Volutella roseolum*  
*Xanthomonas hyacinthi*

NEW ZEALAND:

*Claviceps purpurea*

NICARAGUA:

*Cercospora musae*

NORWAY:

*Diplodina eurhododendri*

ORIENT:

*Xanthomonas citri*

PAKISTAN:

*Macrophoma musae*

PANAMA:

*Cercospora musae*  
*Stachybotrys subsimplex*

PANAMA—Continued

*Stachylidium theobromae*  
*Stemphylium botryosum*

PERU:

*Botrytis elliptica*  
*Colletotrichum pisi*  
*Pestalotia conspicua*

PHILIPPINES:

*Colletotrichum graminicolum*  
*Macrophoma musae*  
*Xanthomonas citri*

POLAND:

*Elsinoe piri*

PORTUGAL:

*Ascochyta pisi*  
*Monilinia fructigena*  
*Nigrospora sphaerica*  
*Peronospora pisi*  
*Puccinia arenariae*  
*Septoria citri*  
*Septoria dianthi*  
*Stemphylium botryosum*

PUERTO RICO:

*Botryosphaeria ribis*  
*Cercospora canescens*  
*Cercospora musae*  
*Colletotrichum cajani*  
*Elsinoe phaseoli*  
*Isariopsis griseola*  
*Puccinia urbaniana*  
*Stachylidium theobromae*  
*Vermicularia dematium*

RUMANIA:

*Sorosporium reiliana*

ST. LUCIA:

*Pestalotia palmarum*

SALVADOR:

*Cercospora musae*

SIAM:

*Pestalotia conspicua*

*Xanthomonas citri*

SIERRA LEONE:

*Stachylidium theobromae*

SOUTH AMERICA:

*Pestalotia funerea*

SPAIN:

*Physalospora obtusa*

STRAITS SETTLEMENTS

*Xanthomonas citri*

SWEDEN:

*Curvularia lunata*  
*Cytospora chrysosperma*  
*Puccinia violae*

SWITZERLAND:

*Septoria cyclaminis*  
*Uromyces limonii*

TRINIDAD:

*Diplocarpon rosae*  
*Uredo oncidii*

TURKEY:

*Anguina tritici*  
*Claviceps paspali*  
*Claviceps purpurea*  
*Puccinia glumarum*

UNION OF SOUTH AFRICA

*Alternaria citri*  
*Ascochyta haworthiae*  
*Heterosporium ornithogali*  
*Laestadia rouxii*  
*Phaeosphaerella senniana*  
*Phoma citricarpa*  
*Pseudomonas marginata*  
*Puccinia ornithogali-thyrsoideis*

UNKNOWN:

*Neovossia horrida*  
*Puccinia violae*  
*Xanthomonas citri*

URUGUAY:

*Ditylenchus destructor* (?)  
*Elsinoe australis*

VENEZUELA:

*Cercospora fourcroyae*  
*Coleosporium domingense*  
*Periola hirsuta*  
*Pestalotia conspicua*  
*Physalospora cattleyae*











